

**ATMOSPHERIC ELECTRICITY.**

Numerical statistics relative to auroras and thunderstorms are given in Table IV, which shows the number of stations from which meteorological reports were received, and the number of such stations reporting thunderstorms (T) and auroras (A) in each State and on each day of the month, respectively.

*Thunderstorms.*—Reports of 2,479 thunderstorms were received during the current month as against 3,855 in 1900 and 1,202 during the preceding month.

The dates on which the number of reports of thunderstorms for the whole country were most numerous were: 24th, 340; 10th, 221; 2d, 220.

Reports were most numerous from: Ohio, 287; Colorado, 233; North Carolina, 229.

*Auroras.*—The evenings on which bright moonlight must have interfered with observations of faint auroras are assumed to be the four preceding and following the date of full moon, viz: April 29 to May 7.

*In Canada.*—Thunderstorms were reported as follows: Halifax, 12th, 13th; Yarmouth, 12th; Charlottetown, 13th; Bissett, 11th, 17th; Kingston, 18th; Toronto, 2d, 9th, 12th, 24th, 30th; White River, 2d, 31st; Port Stanley, 2d, 8th, 24th; Parry Sound, 2d; Winnipeg, 1st; Minnedosa, 1st; Qu' Appelle, 3d; Medicine Hat, 7th, 9th, 18th, 19th, 21st, 22d, 28th, 29th, 30th; Swift Current, 6th, 19th, 23d, 29th, 30th; Prince Albert, 19th; Battleford, 1st, 3d, 7th, 8th, 30th; Barkerville, 16th; Hamilton, Bermuda, 7th, 28th.

**DESCRIPTION OF TABLES AND CHARTS.**

By ALFRED J. HENRY, Professor of Meteorology.

Table I gives, for about 145 Weather Bureau stations making two observations daily for and about 25 others making only one observation, the data ordinarily needed for climatological studies, viz, the monthly mean pressure, the monthly means and extremes of temperature, the average conditions as to moisture, cloudiness, movement of the wind, and the departures from normals in the case of pressure, temperature, and precipitation, the total depth of snowfall, and the mean wet-bulb temperatures. The altitudes of the instruments above ground are also given.

Table II gives, for about 2,700 stations occupied by voluntary observers, the highest maximum and the lowest minimum temperatures, the mean temperature deduced from the average of all the daily maxima and minima, or other readings, as indicated by the numeral following the name of the station; the total monthly precipitation, and the total depth in inches of any snow that may have fallen. When the spaces in the snow column are left blank it indicates that no snow has fallen, but when it is possible that there may have been snow of which no record has been made, that fact is indicated by leaders, thus (....).

Table III gives, for all stations that make observations at 8 a. m. and 8 p. m., the four component directions and the resultant directions based on these two observations only and without considering the velocity of the wind. The total movement for the whole month, as read from the dial of the Robinson anemometer, is given for each station in Table I. By adding the four components for the stations comprised in any geographical division the average resultant direction for that division can be obtained.

Table IV gives the total number of stations in each State from which meteorological reports of any kind have been received, and the number of such stations reporting thunderstorms (T) and auroras (A) on each day of the current month.

Table V gives a record of rains whose intensity at some period of the storm's continuance equaled or exceeded the following rates:

Duration, minutes..	5	10	15	20	25	30	35	40	45	50	60	80	100	120
Rates pr. hr. (ins.)..	3.00	1.80	1.40	1.20	1.08	1.00	0.94	0.90	0.86	0.84	0.75	0.60	0.54	0.50

In the northern part of the United States, especially in the colder months of the year, rains of the intensities shown in the above table seldom occur. In all cases where no storm of sufficient intensity to entitle it to a place in the full table has occurred, the greatest rainfall of any single storm has been given, also the greatest hourly fall during that storm.

Table VI gives, for about 30 stations furnished by the Canadian Meteorological Service, Prof. R. F. Stupart, director,

the means of pressure and temperature, total precipitation and depth of snowfall, and the respective departures from normal values, except in the case of snowfall.

Table VII gives the heights of rivers referred to zeros of gages.

**NOTES EXPLANATORY OF THE CHARTS.**

Chart I, tracks of centers of high areas, and Chart II, tracks of centers of low areas, are constructed in the same way. The Roman numerals show number and chronological order of highs (Chart I) and lows (Chart II). The figures within the circles show the days of the month; the letters *a* and *p* indicate, respectively, the 8 a. m. and 8 p. m., seventy-fifth meridian time, observations. Within each circle is also given (Chart I) the highest barometric reading and (Chart II) the lowest pressure at or near the center at that time.

Chart III.—Total precipitation. The scale of shades showing the depth of rainfall is given on the chart itself. For isolated stations the rainfall is given in inches and tenths, when appreciable; otherwise, a "trace" is indicated by a capital T, and no rain at all, by 0.0.

Chart IV.—Sea-level pressure, temperature, and resultant surface winds. The wind directions on this Chart are the computed resultants of observations at 8 a. m. and 8 p. m., daily; the resultant duration is shown by figures attached to each arrow. The temperatures are the means of daily maxima and minima and are reduced to sea level. The pressures are the means of 8 a. m. and 8 p. m. observations, daily, and are reduced to sea level and to standard gravity. The reduction for 30 inches of the mercurial barometer, as formerly shown by the marginal figures for each degree of latitude, has already been applied.

Chart V.—Hydrographs for seven principal rivers of the United States.

Chart VI.—Surface temperatures; maximum, minimum, and mean. Lines of equal monthly mean temperature in red; lines of equal maximum temperature in black; and lines of equal minimum temperature (dotted) also in black.

Chart VII.—Percentage of sunshine. The average cloudiness at each Weather Bureau station is determined by numerous personal observations during the day. The difference between the observed cloudiness and 100, it is assumed, represents the percentage of sunshine, and the values thus obtained have been used in preparing Chart VII.

Chart VIII.—West Indian monthly isobars, isotherms, and resultant winds.

Chart IX.—Total snowfall.

TABLE I.—Climatological data for Weather Bureau Stations, May, 1901.

Stations.	Elevation of instruments.		Pressure, in inches.		Temperature of the air, in degrees Fahrenheit.						Precipitation, in inches.		Wind.		Maximum velocity.		Average cloudiness, tenths.		Total snowfall.												
	Barometer above sea level, feet.		Thermometers above ground.		Mean actual, 8 a.m. + 2°.			Departure from normal.			Mean maximum, + mean minimum, + 2°.			Departure from normal.			Mean minimum.		Greatest daily range.		Days with 0.1 or more.		Total movement, miles.		Miles per hour.		Clear days.		Cloudy days.	Average cloudiness, tenths.	Total snowfall.
	Barometer above sea level, feet.	Thermometers above ground.	Mean reduced.	Departure from normal.	Mean max. + mean min. + 2°.	Departure from normal.	Mean maximum.	Date.	Mean minimum.	Date.	Mean minimum.	Date.	Mean minimum.	Date.	Mean minimum.	Greatest daily range.	Mean wet thermometer.	Mean temperature of the dew-point.	Mean relative humidity, per cent.	Total.	Departure from normal.	Days with 0.1 or more.	Total movement, miles.	Direction.	Date.	Clear days.	Cloudy days.	Average cloudiness, tenths.	Total snowfall.		
New England.																															
Eastport	76	69	74	29.85	29.94	-0.03	53.1	-1.5	53.1	-0.3	54.7	-2.0	54.8	-0.6	55.1	2.2	55.3	1.5	55.4	0.8	55.6	1.9	5.56	3.42	n.e.	28	18	6.6	0.2		
Portland, Me.	103	81	117	29.78	29.88	-0.08	51.8	-1.5	51.8	-0.6	52.9	-2.2	53.2	-0.9	53.4	2.4	53.6	1.6	53.8	0.8	54.1	2.6	7.858	4.22	s.w.	22	19	6.8	18		
Northfield	876	15	63	29.95	29.89	-0.06	53.1	-0.6	53.1	-0.6	54.3	-2.2	54.3	-0.9	54.4	2.4	54.5	1.5	54.6	0.8	54.7	2.1	7.171	3.65	s.s.	22	19	6.8	18		
Boston	125	115	115	29.77	29.91	-0.06	51.1	-1.4	51.1	-1.4	51.2	-1.2	51.2	-1.0	51.3	2.4	51.3	1.6	51.4	0.8	51.5	2.1	3.91	4.22	n.w.	22	19	6.5	18		
Nantucket	12	43	85	29.90	29.91	-0.06	52.8	-1.8	52.8	-1.8	52.9	-1.7	52.9	-1.6	53.0	2.4	53.0	1.6	53.1	0.8	53.2	2.1	8.294	3.65	e.n.	22	19	6.5	18		
Block Island	26	11	70	29.87	29.90	-0.09	52.8	-1.8	52.8	-1.8	52.9	-1.7	52.9	-1.6	53.0	2.4	53.0	1.6	53.1	0.8	53.2	2.1	10.373	4.7	e.e.	22	19	6.7	18		
Narragansett	10																														
New Haven.	106	117	140	29.78	29.80	-0.10	50.3	-2.4	50.3	-2.4	50.4	-2.3	50.4	-2.2	50.5	2.4	50.5	1.6	50.6	0.8	50.7	2.1	11.989	5.55	s.s.	22	19	5.7	18		
Mid. Atlan. States.																															
Albany	97	84	118	29.78	29.89	-0.08	50.0	-0.3	50.0	-0.3	50.1	-0.2	50.1	-0.2	50.2	1.6	50.2	0.8	50.3	0.4	50.4	1.9	4.58	3.42	n.e.	22	19	6.4	18		
Binghamton	875	76	105	29.55	29.89	-0.10	50.7	-0.2	50.7	-0.2	50.8	-0.1	50.8	-0.1	50.9	1.6	50.9	0.8	51.0	0.4	51.1	1.6	5.581	3.0	n.w.	22	19	6.4	18		
New York	314	108	350	29.55	29.89	-0.10	50.8	-0.9	50.8	-0.9	50.9	-0.6	50.9	-0.6	51.0	1.6	51.0	0.8	51.1	0.4	51.2	1.6	4.593	3.0	w.	22	19	6.3	18		
Harrisburg	274	94	104	29.88	29.91	-0.06	60.8	+ 0.6	60.8	+ 0.6	60.9	+ 0.5	60.9	+ 0.5	61.0	2.4	61.0	1.6	61.1	0.8	61.2	2.1	7.942	4.7	e.e.	22	19	6.5	18		
Philadelphia	117	168	184	29.76	29.88	-0.13	60.5	+ 1.5	60.5	+ 1.5	60.6	+ 1.4	60.6	+ 1.4	60.7	2.4	60.7	1.6	60.8	0.8	60.9	2.1	10.373	4.7	e.e.	22	19	6.5	18		
Scranton	805	111	119	29.62	29.89	-0.09	58.4	-1.9	58.4	-1.9	58.5	-1.8	58.5	-1.8	58.6	2.4	58.6	1.6	58.7	0.8	58.8	2.1	5.044	3.65	n.n.	22	19	6.9	18		
Atlantic City	52	68	76	29.83	29.88	-0.12	55.3	-1.9	55.3	-1.9	55.4	-1.8	55.4	-1.8	55.5	2.4	55.5	1.6	55.6	0.8	55.7	2.1	5.523	3.65	n.n.	22	19	6.4	18		
Cape May	17	47	51	29.88	29.90	-0.10	56.0	-2.6	56.0	-2.6	56.1	-2.5	56.1	-2.5	56.2	2.4	56.2	1.6	56.3	0.8	56.4	2.1	6.719	3.0	n.w.	22	19	6.8	18		
Baltimore	128	68	76	29.74	29.87	-0.13	61.8	-2.4	61.8	-2.4	61.9	-2.3	61.9	-2.3	62.0	2.4	62.0	1.6	62.1	0.8	62.2	2.1	4.859	3.4	se.e.	22	19	6.8	18		
Washington	112	59	76	29.75	29.87	-0.14	62.5	-1.4	62.5	-1.4	62.6	-1.3	62.6	-1.3	62.7	2.4	62.7	1.6	62.8	0.8	62.9	2.1	4.926	3.0	n.w.	22	19	6.8	18		
Cape Henry	5	33																													
Lynchburg	681	83	93	29.13	29.84	-0.15	64.9	-1.1	64.9	-1.1	65.0	-1.0	65.0	-1.0	65.1	2.4	65.1	1.6	65.2	0.8	65.3	2.1	2.872	3.0	n.w.	22	19	6.9	18		
Norfolk	91	102	111	29.77	29.87	-0.13	64.5	-1.9	64.5	-1.9	64.6	-1.8	64.6	-1.8	64.7	2.4	64.7	1.6	64.8	0.8	64.9	2.1	6.817	3.0	n.w.	22	19	6.8	18		
Richmond	144	72	90																												
S. Atlantic States.																															
Charlotte	773	68	76	29.83	29.88	-0.16	69.8	+ 0.4	69.8	+ 0.4	69.9	+ 0.3	69.9	+ 0.3	70.0	2.4	70.0	1.6	70.1	0.8	70.2	2.1	4.690	3.4	sw.	22	19	5.8	18		
Hatteras	11	17	36	29.85	29.86	-0.14	65.4	-1.0	65.4	-1.0	65.5	-0.9	65.5	-0.9	65.6	2.4	65.6	1.6	65.7	0.8	65.8	2.1	3.944	3.0	w.	22	19	5.8	18		
Kittyhawk	8	12	30																												
Raleigh	376	93	101	29.47	29.87	-0.12	68.2	+ 0.7	68.2	+ 0.7	68.3	+ 0.6	68.3	+ 0.6	68.4	2.4	68.4	1.6	68.5	0.8	68.6	2.1	4.547	3.4	sw.	22	19	5.9	18		
Wilmington	78	82	90	29.78	29.88	-0.13	70.4	+ 0.7	70.4	+ 0.7	70.5	+ 0.6	70.5	+ 0.6	70.6	2.4	70.6	1.6	70.7	0.8	70.8	2.1	6.18	3.0	n.w.	22	19	6.4	18		
Charleston	48	14	72	29.82	29.87	-0.13	72.9	+ 0.5	72.9	+ 0.5	73.0	+ 0.4	73.0	+ 0.4	73.1	2.4	73.1	1.6	73.2	0.8	73.3	2.1	4.741	3.4	se.e.	22	19	5.4	18		
Columbia																															
Augusta	180	89	108	29.65	29.84	-0.13	72.4	+ 0.4	72.4	+ 0.4	72.5	+ 0.3	72.5	+ 0.3	72.6	2.4	72.6	1.6	72.7	0.8	72.8	2.1	4.378	3.0	n.w.	22	19	5.6	18		
Savannah	65	79	89	29.79	29.85	-0.16	74.0	+ 1.1	74.0	+ 1.1	74.1	+ 1.0	74.1	+ 1.0	74.2	2.4	74.2	1.6	74.3	0.8	74.4	2.1	5.959	3.0	w.	22	19	5.1	18		
Jacksonville	43	62	84	29.84	29.89	-0.09	75.4	+ 0.5	75.4	+ 0.5	75.5	+ 0.4	75.5	+ 0.4	75.6	2.4	75.6	1.6	75.7	0.8	75.8	2.1	6.390	3.0	w.	22	19	5.1	18		
Florida Peninsula.																															
Jupiter	128	13	55	29.87	29.90	-0.07	75.8	+ 0.1	75.8	+ 0.1	75.9	+ 0.0	75.9	+ 0.0	76.0	2.4	76.0	1.6	76.1	0.8	76.2	2.1	5.293	3.0	w.	22	19	5.3	18		
Key West	128	42	50	29.89	29.91	-0.05	77.1	-2.3	77.1	-2.3	77.2	-2.2	77.2	-2.2	77.3	2.4	77.3	1.6	77.4	0.8	77.5	2.1	4.901	3.0	n.w.	22	19	5.3	18		
Tampa	34	60	67	29.86	29.90	-0.08	75.6	-0.4	75.6	-0.4	75.7	-0.3	75.7	-0.3	75.8	2.4	75.8	1.6	75.9	0.8	76.0	2.1	4.832	3.0	w.	22	19	5.3	18		
East Gulf States.																															
Atlanta	1,174	189	166	29.84	29.86	-0.16	69.4	+ 0.6	69.4	+ 0.6	69.5	+ 0.5	69.5	+ 0.5	69.6	2.4	69.6	1.6	69.7	0.8	69.8	2.1	4.755	3.4	n.w.	22	19	6.5	18		
Macon	370	93	99																												
Pensacola	56	78	90																												
Mobile	57	88	96	29.83	29.89	-0.08	73.4	-0.1	73.4	-0.1	73.5	-0.1																			

TABLE I.—Climatological data for Weather Bureau Stations, May, 1901—Continued.

Stations.	Elevation of instruments		Pressure, in inches.		Temperature of the air, in degrees Fahrenheit.						Precipitation, in inches.		Wind.			Cloudy days. Average cloudiness, tenths.	Total snowfall													
	Banometer above sea level, feet.	Thermometers above ground.	M. + 8 a.m.	M. + 8 p.m. + 2.	Mean reduced.	Departure from normal.	Mean max. + mean min. + 2.	Departure from normal.	Maximum.	Date.	Mean maximum.	Date.	Mean minimum.	Greatest daily range.	Mean wet thermometer.	Mean temperature of the dew-point.	Mean relative humidity per cent.	Total.	Departure from normal.	Days with 0.1 or more.	Total movement, miles.	Prevailing direction.	Miles per hour.	Maximum velocity.						
<i>Upper Mis. Valley.</i>																									4.7					
Minneapolis . . . . .	99	208	29.02	29.92	- .01		59.4	+ 0.0	70	33	49	51	43	65	2.10	1.57	- .1.8	8,526	ne.	29	ne.	24	10	14	4.7					
St. Paul . . . . .	89	114	124	29.02	29.92	- .01	61.3	+ 1.8	73	36	50	53	47	64	3.85	1.64	+ 0.6	5,581	ne.	11	12	6	4.9	11	14	4.5				
La Crosse . . . . .	714	70	78	29.23	29.88	- .03	61.3	+ 0.6	84	71	40	51	30	61	1.37	1.30	- 3.0	5,722	w.	30	w.	11	14	9	8.4	4.5				
Davenport . . . . .	606	71	79	29.23	29.88	- .03	60.4	+ 0.3	82	16	73	36	13	51	34	55	56	5,668	e.	36	e.	11	12	6	4.8	4.8				
Des Moines . . . . .	861	84	88	29.00	29.92	- .01	63.0	+ 0.4	87	70	39	26	57	53	31	57	53	5,681	n.	29	n.	12	7	15	9.5	5.4				
Dubuque . . . . .	638	101	109	29.16	29.90	- .05	60.4	+ 1.2	82	16	73	36	13	51	34	55	56	5,681	w.	27	w.	12	7	15	9.5	5.4				
Keokuk . . . . .	614	68	78	29.23	29.88	- .06	63.0	+ 0.4	87	* 72	73	40	* 57	59	54	50	50	2.00	- 1.8	10	5,163	w.	36	w.	5	6	15	10.5	5.7	
Cairo . . . . .	356	87	93	29.50	29.89	- .05	66.0	+ 1.1	89	1	75	45	26	57	59	54	50	1.88	- 3.1	9	6,753	e.	30	s.w.	23	17	11	3.4	2.7	
Springfield, Ill. . . . .	644	82	88	29.30	29.88	- .09	62.8	+ 0.1	89	24	73	36	13	53	32	53	53	1.65	- 3.3	8	6,934	w.	39	w.	5	17	11	7	4.1	
Hanibal . . . . .	534	75	110	29.88	29.88	- .09	63.3	+ 0.2	87	12	74	35	13	53	32	53	53	1.65	- 2.6	12	7,381	w.	23	11	11	9	4.9	4.2		
St. Louis . . . . .	567	111	210	29.28	29.88	- .06	62.8	+ 0.4	90	12	73	36	26	57	52	53	53	2.02	- 1.9	12	7,381	w.	39	w.	23	11	11	9	4.9	
<i>Missouri Valley.</i>																														
Columbia . . . . .	784	4	84	28.90	29.91	- .01	63.5	+ 1.0	99	18	76	34	13	51	40	40	40	5,908	n.	29	n.	4	13	8	10	5.0				
Kansas City . . . . .	963	78	95	28.90	29.91	- .01	63.8	+ 0.4	95	22	72	36	25	55	48	61	61	5,858	n.	29	n.	4	14	7	10	4.5				
Springfield, Mo. . . . .	1,324	100	103	28.50	29.88	- .06	63.8	+ 0.6	84	22	73	36	26	57	56	49	64	7,160	n.	30	n.	5	17	7	2	3.7				
Topeka . . . . .	81																		ne.	29	ne.	11	12	6	17	4.4				
Lincoln . . . . .	1,189	75	84	28.68	29.89	- .04	61.4	+ 0.3	87	22	72	36	25	51	34	53	46	63	1.96	- 2.3	6	7,916	n.	45	sw.	4	13	8	10	5.0
Omaha . . . . .	1,105	115	121	28.73	29.89	- .03	62.6	+ 0.9	87	22	72	36	12	53	29	54	48	65	2.13	- 2.2	7	6,714	n.	36	n.	10	18	8	10	4.9
Valentine . . . . .	2,598	89	93	27.23	29.90	- .01	60.6	+ 4.8	91	1	74	32	7	45	35	50	52	56	0.90	- 1.9	5	7,412	e.	45	nw.	18	20	9	4	3.8
Sioux City . . . . .	1,135	99	164	28.95	29.89	- .00	60.8	+ 2.4	87	1	71	32	12	50	33	50	41	53	3.65	- 0.4	10	9,012	e.	48	nw.	10	14	10	7	4.3
Pierre . . . . .	1,572	43	50	28.25	29.89	- .00	64.8	+ 9.2	94	1	78	32	12	51	46	52	42	50	0.63	- 1.7	6	6,937	e.	38	nw.	10	21	4	6	3.2
Huron . . . . .	1,308	56	67	28.55	29.89	- .01	59.6	+ 4.5	89	1	73	32	12	46	39	52	45	63	1.78	- 1.2	11	8,635	e.	38	nw.	10	16	12	8	3.6
Yankton . . . . .	1,238	52	58	28.55	29.89	- .00	61.4	+ 2.9	88	2	73	35	25	50	31	51	51	62	2.45	- 1.9	11	5,765	e.	42	n.	10	18	7	6	4.0
<i>Northern Slope.</i>																														
Havre . . . . .	2,505	46	47	27.97	29.87	- .04	58.8	+ 5.5	91	16	71	32	9	47	39	51	46	63	2.71	+ 0.3	8	6,766	sw.	39	ne.	9	10	14	7	5.8
Miles City . . . . .	2,371	42	50	27.94	29.77	- .14	67.6	+ 11.2	100	17	82	32	11	53	46	60	56	73	1.40	- 0.9	10	4,996	e.	48	e.	2	15	9	1	3.5
Helena . . . . .	4,110	88	93	25.75	29.90	- .03	56.1	+ 4.3	86	16	67	30	10	45	45	40	61	61	4.11	+ 2.5	12	5,398	sw.	45	n.	18	2	16	13	7.0
Kalispell . . . . .	2,965	45	51	26.86	29.92	- .00	51.6	+ 0.1	84	27	66	32	10	43	37	47	40	65	1.95	- 0.1	11	4,478	e.	30	se.	27	10	12	9	4.9
Rapid City . . . . .	2,324	46	50	26.54	29.82	- .08	60.8	+ 7.9	91	1	73	32	11	43	36	50	41	53	2.53	- 1.1	8	6,806	e.	36	sw.	10	18	9	4	3.7
Cheyenne . . . . .	6,088	56	64	28.97	29.89	- .01	53.7	+ 3.1	77	1	68	31	11	41	37	35	32	62	2.47	+ 0.3	12	7,386	s.	41	s.	28	15	11	8	4.0
North Platte . . . . .	2,821	43	52	27.02	29.91	+ .01	61.0	+ 2.8	87	1	73	32	8	49	52	52	46	63	1.83	- 0.9	8	6,573	e.	33	s.	3	16	11	4	3.6
<i>Middle Slope.</i>																														
Denver . . . . .	5,291	79	151	24.67	29.90	.00	59.6	+ 3.2	81	21	73	38	7	47	32	48	40	57	1.18	- 1.5	9	6,026	s.	50	s.	2	7	16	8	5.4
Pueblo . . . . .	4,085	80	86	25.23	29.87	+ .01	59.4	+ 0.7	82	1	73	38	7	47	36	49	43	63	3.41	+ 1.6	13	5,295	se.	38	nw.	4	13	11	9	4.9
Concordia . . . . .	1,398	42	47	28.44	29.91	- .02	52.2	+ 0.1	84	28	74	38	13	50	37	54	46	65	2.86	- 1.4	10	5,080	n.	25	se.	4	13	11	7	4.7
Dodge . . . . .	2,509	44	52	27.81	29.89	+ .02	63.3	+ 0.6	87	9	76	35	26	49	43	53	46	67	1.95	- 1.4	6	6,629	e.	42	se.	2	17	9	5	4.0
Wichita . . . . .	1,358	78	85	28.49	29.91	+ .03	65.4	+ 1.2	86	2	77	30	26	53	36	55	48	60	1.40	- 2.6	8	5,908	n.	33	n.	26	16	11	9	4.3
Oklahoma . . . . .	1,214	54	62	28.59	29.86	- .01	67.4	+ 2.7	93	10	78	35	26	56	55	57	50	61	3.64	- 1.7	11	6,861	s.	30	s.	22	13	8	10	5.2
<i>Southern Slope.</i>																														
Arlene . . . . .	1,738	45	54	28.05	29.84	- .05	70.8	+ 1.4	96	10	82	37	27	60	52	54	63	64	5.58	+ 3.6	10	6,675	se.	36	nw.	30	11	10	10	4.9
Amarillo . . . . .	3,676	54	61	26.17	29.88	- .00	61.6	+ 2.6	85	12	73	39	8	51	47	56	59	66	5.99	+ 4.0	10	9,967	e.	51	sw.	2	15	10	6	4.2
<i>Southern Plateau.</i>																														
Santa Fe . . . . .	3,762	10	110	26.05	29.78	- .03	55.7	+ 0.0	79	19	67	33	3	45	29	45	36	54	2.12	+ 1.1	19	5,849	se.	29	s.	2	14	13	4	4.1
Flagstaff . . . . .	7,018	47	50	23.31	29.88	- .03	50.7	+ 3.6	73	18	65	33	26	36	36	44	44	51	2.27	+ 0.5	7	5,707	sw.	30	se.	2	16	11	9	3.8
Phoenix . . . . .	1,108	47	57	25.63	29.77	- .05	75.0	+ 0.7	98	18	90	49	30	38	39	54	37	50	0.10	- 0.1	2	3,736	e.	23	se.	26	16	11		

TABLE II.—Climatological record of voluntary and other cooperating observers, May, 1901.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Alabama.</i>	°	°	°	Ins.	Ins.	<i>Arizona—Cont'd.</i>	°	°	°	Ins.	Ins.	<i>California—Cont'd.</i>	°	°	°	Ins.	Ins.
Ashville.....	89	47	67.7	5.65	Ins.	Signal.....	102	42	72.6	T.	98	Dunnigan *1.....	98	50	67.0	1.02	
Benton.....				5.61		Silverking.....				0.55		Durham *6.....	92	49	65.3	0.52	
Bermuda.....	99	46	73.0	2.78		Strawberry.....	84 <sup>1</sup>	29	57.4 <sup>0</sup>	0.85		East Brother L. H. ....	79	82	50.0	1.10	
Birmingham.....	92	45	69.8	4.51		Supal.....	101	50	74.4	T.		Edmonton *1.....	95	39	63.5	0.71	2.0
Bridgeport.....				4.43		Tombstone.....	91	42	69.0	0.20		Eleson.....	86	42	62.2	0.47	
Burkville.....				5.12		Tonto.....	94	44	68.8	0.96		Elsinore.....	86	37	64.7	1.81	
Calera.....				4.45		Tuba.....	89	35	65.2	T.		Escondido.....	82	43	61.8	1.26	
Camp Hill.....	95	46	71.4	5.96		Tucson.....	97	41	72.2	0.41		Fallbrook.....	100	53	65.5	0.45	
Citronelle.....	92	49	74.1	3.81		Vail *5.....	96	55	70.2	0.12		Folsom City *1.....	97	40	52.3	2.04	5.0
Clanton.....	87	48	69.2	5.86		Walnut Grove.....				0.05		Fordyce Dam.....	73	40	52.3	1.16	
Daphne.....	91 <sup>1</sup>	50 <sup>1</sup>	73.6 <sup>0</sup>	2.52		Wilcox *1.....	89	65	76.6	0.16		Fort Ross.....				0.90	
Decatur.....	92	45	68.4	3.63		Yarnell.....				0.50		Fort Tejon.....				0.90	
Demopolis.....				5.47		<i>Arkansas.</i>						Georgetown.....	90	35	57.8	0.99	
Eufaula *2.....	95	50	73.2	5.73		Amity.....	91	43	68.9	7.23		Gilroy (near).....	93	35	58.0	1.11	
Eutaw.....	92	47	71.0	5.59		Arkadelphia.....	98	47	70.1	8.80		Glendora.....				1.80	
Evergreen.....	95	43	73.6	4.47		Arkansas City.....				2.70		Goshen *5.....	92	40	63.2	1.57	
Florence *2.....				2.81		Batesville.....	94	44	68.0	2.74		Grand Island *5.....	93	46	65.7	1.04	
Florence *3.....	92	41	67.1	2.82		Beebranch.....	93	42	68.0	1.45		Grass Valley.....				1.86	
Fort Deposit.....	93	48	72.4	5.65		Blanchard Springs.....	91	48	69.8	7.85		Greenville.....				1.88	
Gadsden.....	94	47	69.1	5.28		Brinkley.....	92	41	67.0	1.42		Hanford.....	93	34	65.0	1.48	
Goodwater.....	94	46	71.0	5.81		Camden a.....				6.98		Healdsburg.....	101	35	60.4	1.00	
Greensboro.....	92	48	71.6	6.06		Camden b.....	90	48	71.3	6.00		Hollister.....	89	37	57.3	0.71	
Greenville.....				3.92		Conway.....	91	47	69.6	1.34		Humboldt L. H. ....				1.47	
Hamilton.....	90			6.66		Corning.....	93	39	65.2	1.45		Idyllwild.....				1.22	T.
Healing Springs.....	93	46	71.0	8.81		Dallas.....	88	48	68.2	4.34		Indio *1.....	100	50	77.1	0.00	
Helena.....				4.90		Dardanelle.....				0.48		Iowa Hill *1.....	86	44	58.1	0.96	
Highland Home.....	89	47	72.4			Dutios.....	82 <sup>1</sup>	37 <sup>1</sup>	64.0 <sup>0</sup>	1.59		Irving.....	82	54	66.7	1.13	
Lethatchee.....				5.12		Elon.....	91	42	69.0	5.21		Jackson (near).....	84	32	57.6	1.18	
Livingston a.....	91	48	70.3	8.28		Fayetteville.....	86	36	65.0 <sup>0</sup>	1.26		Jolon.....				0.33	
Look No. 4.....	91	47	68.3	3.98		Forrest City.....	93	42	68.0			Keene.....				1.15	
Madison Station.....	92	43	67.8	3.92		Fulton.....				2.70		Kennedy Gold Mine.....	86	35	56.4	0.88	
Maplegrove.....	93	46	67.8	6.84		Hardy.....	91	43	68.4	1.20		Kent.....				2.80	
Marion.....	94	46	72.4	5.25		Helena a.....				4.18		King City.....				1.01	
Mount Willing.....	93	49	73.0	8.84		Helena b.....	91	48	68.0	8.95		Kono Tayee.....	83	40	60.6	0.98	
Newbern.....	90	47	71.6	5.71		Hot Springs.....				1.94		Laguna Valley.....				2.09	
Newburg.....	92	40	68.2	7.45		Ione.....	88	38	67.5	2.35		Lamesa.....				0.47	
Notasulga.....				5.57		Jonesboro.....	100	44	71.6	1.88		Laporte *1.....	72	35	48.8	2.09	5.9
Oncemento.....	88	45	68.9	8.00		Keesees Ferry.....	90	38	68.4	1.45		Las Fuentes Ranch.....				1.02	
Opelika.....	91	40	71.2	4.09		Lacrosse.....	90	43	68.0	1.48		Legrand.....	97	38	63.4	0.38	
Oxanna.....	89	46	63.4	6.11		Lonoke.....	98	42	68.6	3.05		Lemoncoove.....	95	40	67.4	2.70	
Pineapple.....	94	48	72.8	4.55		Lutherville.....	88	41	67.8	3.08		Lemoore a.....	98	50	67.4	1.21	
Prattville.....	93	46	70.2			Malyvern.....	95	41	68.9	2.59		Lick Observatory.....	72	24	50.3	1.07	1.0
Pushmataha.....	90	45	70.2	4.01		Marianna.....	93	42	68.6	1.88		Lime Point L. H. ....				0.54	
Riverton.....	92 <sup>1</sup>	41 <sup>2</sup>	65.2 <sup>2</sup>	2.52		Marwell.....	90	43	68.8	4.59		Lodi.....	93	43	63.0	1.21	
Scottsboro.....	90	46	65.8	4.90		Mossville.....	84	41	64.2	2.99		Los Gatos.....	90	40	58.2	1.76	
Selma.....	92	48	71.9	5.32		Mount Nebo.....	86	34	68.2	1.50		Mammoth *1.....	101	57	81.1	0.00	
Talladega.....	92	48	69.4	5.82		New Gascony.....	93	44	71.0	4.13		Manzana.....	93	40	61.3	0.12	
Tallassee.....				4.89		Newport a.....				2.99		Mare Island L. H. ....				1.10	
Thomasville.....	98	46	72.4	4.24		Newport b.....	96	44	68.2	3.03		Merced b.....	92	41	64.0	0.05	
Tuscaloosa.....	92	44	68.9	4.16		Newport c.....	92	43	67.2	2.71		Mills College.....				1.12	
Tuscumbia.....	90	46	68.1	3.63		Oregon.....	90	38	68.8	1.18		Milo.....				3.36	
Tuskegee.....	95	46	72.1	4.87		Oceola.....	93	43	68.0	4.35		Milton (near).....	92	41	61.4	1.17	
Union Springs.....	95	48	73.8	7.86		Ozark.....	90	47	70.0	5.10		Modesto *1.....	98	50	65.9	1.55	
Uniontown.....	92	46	72.0	4.80		Pinebluff.....	95	45	69.8	3.20		Mohave *1.....	90	45	65.5	0.28	
Valleyhead.....	90	44	67.0	9.34		Pocahontas.....	92	41	68.4	0.70		Mokelumne Hill *3.....				0.72	
Verbena.....				4.97		Pond.....	86	31	64.6	0.49		Monterio.....	84	36	58.2	1.05	
Wetumpka.....	95	47	72.8	4.11		Prescott.....	94	47	70.6	2.37		Monterey *2.....	80	40	57.5	0.39	
<i>Alaska.</i>						Rison.....	98	41	69.8	4.58		Moreno.....	82	36	56.0	1.83	
Killisnoo.....	61	31	42.8	4.00		Rosadale.....	93	45	70.0	4.52		Mountainview.....				0.73	
Sitka.....	65	31	44.5	4.86		Russellville.....	90	43	68.8	1.94		Mount St. Helena.....				1.60	
<i>Arizona.</i>						Silversprings.....	87	40	69.9	0.57		Mutub.....				0.58	
Allaire Ranch.....				0.16		Spielerville.....						Napa.....					
Arizona Canal Co. Dam.....	96	48	74.8	0.07		Stuttgart.....	90	43	69.2	2.29		Needles.....	104	58	81.2	0.00	
Aztec *1.....	105	59	88.2	0.00		Texarkana.....	94	45	82.2	3.17		Nevada City.....					
Benson *1.....	92	55	78.8			Warren.....	91	45	69.4	4.58		Newhall *1.....	86	48	63.1	1.62	
Bisbee.....	95	39	64.7	0.17		Washington.....	90	45	69.2	3.95		Niles *1.....	98	55	62.0	1.26	
Buckeye.....	96	45	72.1	0.00		Wiggs.....	91	41	67.9	5.35		North Bloomfield.....	92	34	56.2	2.73	
Caasagranda *1.....	89	53	57.8	0.10		Winchester.....	93	48	69.8			North Ontario.....	75	44	57.4	1.50	
Cochise *5.....	95	55	75.2	0.60		Winslow.....	88	38	63.6	2.51		North San Juan *1.....	93	38	54.5	1.31	
Congress.....	92	48	72.6	0.30		Witts Springs.....	93	41	67.2	3.51		Oakland.....	86	44	58.9	0.89	
Dudleyville.....	96	41	70.8	0.22		<i>California.</i>						Ogilby *2.....	101	60	80.4	0.00	
Fort Apache.....	88	38	60.8	1.15		Angiola.....	94	43	67.0	1.10		Oleta *1.....	86	45	57.6	0.99	
Fort Defiance.....	90	35	55.8	3.88		Bakersfield.....	94	43	67.0	1.09		Orland *1.....	95	58	68.6	0.81	
Fort Grant.....	89	40	67.4	T.		Ballast Point L. H. ....				0.55		Palermo.....	97	41	64.4	0.00	
Fort Huachuca.....	87	49	70.6	0.90		Bear Valley.....				1.00		Palomar Mountain.....				3.25	
Fort Mohave.....	106	51	78.1	0.02		Bellevue.....				2.0		Paso Robles.....	94	36	60.6	1.43	2.0
Globe *1.....	90	31	68.1	0.60		Berkeley.....	81	43	56.8	1.02		Peachland *2.....	90	45	60.2	1.49	
Inglese.....	99	47	73.4</td														

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>California—Cont'd.</i>	°	°	°	In.	In.	<i>Colorado—Cont'd.</i>	°	°	°	In.	In.	<i>Florida—Cont'd.</i>	°	°	°	In.	In.
Poway * <sup>b</sup> .....	79	47	62.7	0.65		Hoechne.....	85	35	56.0	2.30		McAlpin <sup>f</sup> .....	98	51	75.6	5.75	
Quincy.....	81	33	55.4	1.18		Holly.....	88	33	62.2	2.05		Macalenny.....	97	46	75.2		
Ranch House.....	.....	.....	.....	1.47		Holyoke (near).....	88	33	59.8	0.70		Manatee.....	92	49	72.5	1.75	
Redding.....	93	41	65.6	0.41		Hugo.....	77	28	52.3	2.71		Marco.....	92	69	77.0	1.88	
Redlands.....	84	48	63.0	1.62		Husted.....	.....	.....	.....	T.		Marianna.....	93	51	74.2	6.61	
Reedly.....	93	49	68.8	1.11		Lake Moraine.....	.....	.....	.....	6.98	16.0	Merritt Island.....	92	60	76.8	3.12	
Repreas.....	92	44	62.9	0.67		Lamar.....	91	34	63.9	1.50		Miami.....	91	57	75.0	10.42	
Rivovista.....	94	42	62.2	0.68		Laporte.....	.....	.....	.....	4.32		Micanopy.....	95	49	75.4	2.28	
Riverside.....	84	44	62.4	0.54		Las Animas.....	87	33	61.3	2.40		Middleburg.....	94	43	72.5	5.26	
Roe Island L. H. ....	.....	.....	.....	0.80		Lay.....	87	28	56.4	2.66		Myers.....	92	56	74.8	2.30	
Rohnerville.....	.....	.....	.....	0.98		Leadville (near).....	.....	.....	.....	1.28	8.0	New Smyrna.....	95	53	74.0	1.50	
Rosewood.....	98	34	66.8	0.47		Leroy.....	86	32	57.7	0.72		Nocatee.....	96	51	75.8	3.88	
Sacramento.....	91	42	63.5	0.70		Longs Peak.....	67	24	44.0	1.73		Ocata.....	96	51	75.8	3.24	
Salinas * <sup>a</sup> .....	70	49	57.2	0.35		Mancos.....	80	29	54.4	8.76		Orange City.....	95	51	76.1	3.13	
Salton * <sup>1</sup> .....	105	68	62.6	0.00		Marshall Pass.....	.....	.....	.....	1.73	18.0	Orlando.....	93	58	76.4	2.15	
San Bernardino.....	86	39	63.9	1.23		Meeker.....	82	36	54.4	2.52		Plant City.....	97	47	74.0	6.69	
San Jacinto.....	88	40	64.2	0.55		Mitchell.....	.....	.....	.....	0.78	4.8	Quincy.....	98	48	75.6	4.90	
San Jose.....	97	38	68.4	0.99		Moraine.....	70	27	47.7	3.32		Rockwell.....	95	50	75.2	6.00	
San Leandro.....	.....	.....	.....	0.16		Pagoda.....	81	30	54.2	1.58		St. Andrews.....	92	54	73.5	4.26	
San Mateo.....	.....	.....	.....	0.81		Parachute.....	89	32	61.7	2.82		St. Augustine.....	92	58	75.4	5.26	
San Miguel * <sup>1</sup> .....	90	49	61.7	1.43		Perry park.....	.....	.....	.....	2.11	1.0	Stephensville * <sup>1</sup> .....	95	50	73.8	3.32	
San Miguel Island.....	79	45	55.1	0.05		Kangely.....	87	30	57.7	0.81		Summer.....	93	48	72.0	2.59	
Santa Barbara.....	82	46	57.8	0.34		Rockyford.....	88	37	61.4	1.34		Switzerland.....	94	51	75.3	5.17	
Santa Barbara L. H. ....	.....	.....	.....	0.34		Rogers Mess.....	87	32	58.7	1.95		Tallahassee.....	91	50	74.0	5.07	
Santa Clara.....	.....	.....	.....	1.18		Ruby.....	.....	.....	.....	8.55	20.0	Titusville.....	95	51	74.8	1.66	
Santa Cruz.....	78	34	55.9	0.52		Russell.....	73	30	47.3	8.11		Wauhatchka.....	97	52	74.8	8.76	
Santa Cruz L. H. ....	.....	.....	.....	0.48		Saguache.....	88	26	53.5	0.90		Georgia.	.....	.....	.....	.....	
Santa Maria.....	77	43	59.1	0.18		Salida.....	86	29	54.4	1.49		Adairsville.....	88	48	68.4	6.50	
Santa Monica.....	.....	.....	.....	0.58		San Luis.....	88	28	52.2	1.59		Albany.....	97	51	74.6	8.08	
Santa Paula.....	83	45	61.9	0.13		Santa Clara.....	77	31	50.2	7.50		Allapaha.....	94	50	73.4	4.14	
Santa Rosa * <sup>1</sup> .....	82	38	58.1	1.12		Sapinero.....	.....	.....	.....	1.49	12.0	Americus.....	95	51	73.6	4.14	
Shasta.....	96	37	67.6	0.39		Selbert.....	.....	.....	.....	0.29		Athens <sup>b</sup> .....	93	47	69.8	4.90	
Sierra Madre.....	78	45	59.6	2.51		Silt.....	85	31	57.7	2.26		Auburn.....	90	48	68.7	3.59	
Sneden.....	.....	.....	.....	0.47		Sugarloaf.....	73	30	50.8	8.60		Bainbridge.....	92	49	74.1	4.08	
Sonoma.....	.....	.....	.....	1.02		Telluride.....	77	26	49.6	1.55		Bowersville.....	92	46	69.8	6.77	
S. E. Farallone J. H. ....	.....	.....	.....	0.30		Trinidad.....	84	37	58.5	8.77		Brent.....	95	47	71.9	4.82	
Stanford University.....	88	41	56.9	0.59		T. S. Ranch.....	85	34	60.2	1.44		Camak.....	94	49	73.4	5.53	
Stockton.....	93	40	59.2	0.81		Twin Lakes.....	.....	.....	.....	2.05	2.0	Canton.....	.....	.....	.....	7.95	
Storey.....	87	38	63.4	0.57		Villas.....	74	18	45.2	1.45		Carlton.....	.....	.....	.....	5.43	
Summerdale.....	72	26	48.5	3.31	4.0	Wagon Wheel.....	83	24	49.0	1.32		Clayton.....	89	40	64.1	3.71	
Susanville.....	82	31	57.0	0.92		Walton.....	89	30	60.7	0.59		Columbus.....	90 <sup>d</sup>	58 <sup>d</sup>	72.4	4.98	
Tehama * <sup>1</sup> .....	90	58	71.2	0.66		Westcliffe.....	73	23	47.4	6.51		Covington.....	93	46	70.6	5.99	
Tejon Ranch.....	90	47	68.4	1.28		Wray.....	89	30	60.7	0.28		Dahlonega.....	93	43	67.9	10.89	
Templeton.....	75	45	58.9	1.50		Yuma.....	.....	.....	.....	0.31		Diamond.....	88	42	65.2	3.06	
Thermalito.....	98	44	64.8	0.60		<i>Connecticut.</i>	.....	.....	.....	.....		Dublin.....	.....	.....	.....	3.06	
Trinidad L. H. ....	.....	.....	.....	1.58		Bridgeport.....	82	37	57.0	8.20		Eastman.....	96	52	74.1	6.91	
Truckee * <sup>1</sup> .....	70	28	43.6	0.70		Canton.....	81	30	55.0	7.21		Elberton.....	93	47	70.6	5.99	
Tulare b.....	.....	.....	.....	1.79		Colchester.....	82	35	55.3	7.29		Experiment.....	92	50	71.0	6.09	
Tulare c.....	96	42	66.8	1.87		Falls Village.....	.....	.....	.....	6.07		Fitzgerald.....	95	50	74.4	7.04	
Ukiah.....	86	32	58.4	0.89		Hartford b.....	80	42	57.0	6.78		Fleming.....	98	47	73.3	3.98	
Upper Lake.....	92	35	60.0	0.70		Hawleyville.....	80	39	56.6	7.28		Fort Gaines.....	94	53	73.7	3.65	
Vacaville * <sup>1</sup> .....	95	49	68.2	1.04		Middletown.....	82	35	56.6	8.05		Gainesville.....	90	47	69.0	6.35	
Ventura.....	74	45	58.5	0.16		New London.....	80	39	55.4	4.75		Gillville.....	98	43	69.0	6.11	
Visalia b.....	92	41	65.8	1.74		North Grosvenor Dale.....	83	32	55.3	5.12		Greenbush.....	98	43	67.0	6.99	
Volcano Springs.....	108	60	62.5	0.00		Norwalk.....	83	33	56.5	8.34		Griffin.....	94	47	70.8	5.55	
Wasco.....	94	39	67.0	1.20		Southington.....	79	34	56.6	7.00		Harrison.....	94	48	72.0	5.26	
Westpoint.....	.....	.....	.....	1.94		South Manchester.....	.....	.....	.....	5.45		Hawkinsville.....	90 <sup>c</sup>	50 <sup>b</sup>	72.7	3.86	
West Saticoy.....	97	43	62.8	0.25		Storms.....	80	34	54.5	6.30		Hephzibah.....	.....	.....	.....	5.35	
Wheatland.....	97	43	62.8	0.90		Voluntown.....	82	34	55.0	8.08		Jesup.....	98	50	73.8	5.57	
Williams * <sup>b</sup> .....	96	51	69.5	1.41		Wallingford.....	.....	.....	.....	7.80		Lost Mountain.....	99	48	68.9	7.91	
Wilmington * <sup>1</sup> .....	77	50	59.1	0.30		Waterbury.....	83	33	57.5	8.08		Louisville.....	94	49	73.4	5.75	
Wire Bridge * <sup>b</sup> .....	93	48	65.3	0.68		West Cornwall.....	77	38	56.4	6.90		Lumpkin.....	95	48	73.6	5.01	
Yerba Buena L. H. ....	83	31	58.8	0.76		West Simsbury.....	.....	.....	.....	7.15		Marshallville.....	93	51	75.0	4.41	
Zenia.....	95	54	70.3	0.28		<i>Delaware.</i>	.....	.....	.....	.....		Mauzy.....	99	45	74.9	6.95	
<i>Colorado.</i>	.....	.....	.....	1.38		Milford.....	86	41	61.8	3.86		Milledgeville.....	98	48	78.1	3.25	
Alford.....	80 <sup>c</sup>	20	51.2	10.52		Millsboro.....	84	38	60.6	2.90		Millen.....	97	47	73.8	4.60	
Amity.....	85	31	60.8	1.04		Newark.....	82	39	59.4	8.30		Morgan.....	92	48	71.4	6.28	
Arkins.....	.....	.....	.....	2.90		Seaford.....	85	41	63.2	3.03		Naylor.....	96	50	73.4	8.66	
Ashcroft.....	.....	.....	.....	1.89	9.1	Wyoming.....	.....	.....	.....	5.16		Newman.....	92	48	70.8	9.85	
Bailey.....	76	25	48.0	1.48		<i>District of Columbia.</i>	.....	.....	.....	.....		Oakdale.....	.....	.....	.....	6.68	
Blaine.....	92	32	61.1	2.74		Distributing Reservoir * <sup>1</sup> .....	84	52	64.6	2.17		Point Peter.....	95	45	69.8	6.22	
Boulder.....	81	39	59.5	1.62		Receiving Reservoir * <sup>5</sup> .....	82	52	64.1	3.88		Poulson.....	93	45	72.0	8.89	
Boxelder.....	.....	.....	.....	4.18		West Washington.....	85	41	62.2	8.41		Putnam.....	93	53	72.6	5.79	
Breckenridge.....	66	20	40.9	2.87	15.8	<i>Florida.</i>	.....	.....	.....	.....		Quitman.....	96	48	74.4	8.31	
Buenavista.....	.....	.....	.....	0.80	1.0	Archer.....	95	50	76.0	4.18		Ramsey.....	98	45	65.4		

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	Total depth of snow.	Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	Total depth of snow.	Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.				Maximum.	Minimum.	Mean.				Maximum.	Minimum.	Mean.		
<i>Idaho—Cont'd.</i>							<i>Illinois—Cont'd.</i>						<i>Iowa—Cont'd.</i>				
Blackfoot . . . . .	° 92	° 91	° 61.4	0.54	Ins.		Rushville . . . . .	° 88	° 85	° 62.2	0.69	Ins.	Alona . . . . .	° 88	° 82	° 60.0	2.93
Burnside . . . . .	77	92	53.2	0.97			St. Charles <sup>+</sup> . . . . .	87	84	61.4	1.51		Alta . . . . .	89	82	59.7	1.86
Chesterfield . . . . .	85	92	53.2	1.25			St. John . . . . .	94	96	66.3	1.68		Amana . . . . .	89	86	60.8	1.83
Downey . . . . .	82	99	55.2	0.41			Shobonier . . . . .	89	85	62.4	2.24		Ames <sup>b</sup> . . . . .	89	87	61.4	8.69
Forney . . . . .	87	20	52.9	2.59			Strawn . . . . .	90	86	60.0	2.77		Atlantic . . . . .	89	29	60.4	2.48
Garnet . . . . .	79	25	58.4	0.74			Streator . . . . .	88	82	60.4	1.24		Audubon . . . . .	92	85	60.0	1.00
Hagerman . . . . .	93	31	62.0	0.51			Sullivan . . . . .	88	88	60.4	5.02		Battle Creek . . . . .	87	87	61.1	1.51
Hailey . . . . .	84	31	56.5	1.25			Sycamore . . . . .	88	90	57.8	1.03		Baxter . . . . .	87	35	60.6	2.07
Idaho City . . . . .	89	35	57.9	0.28			Tilden . . . . .	90	85	63.2	2.32		Belknap . . . . .	89	98	68.0	0.72
Lake . . . . .	76	20	50.2	1.40			Tiskiwa . . . . .	88	87	59.4	2.68		Bellevaine . . . . .	89	86	60.6	4.57
Lakeview . . . . .	85	31	55.2	1.96			Tuscola . . . . .	91	87	61.2	3.82		Bonaparte . . . . .	90	85	62.4	1.30
Lo-t River . . . . .	85	30	56.6	0.94			Walnut . . . . .	90	86	61.0	2.43		Britt . . . . .	88	31	58.8	3.63
Moscow . . . . .	84	32	56.4	2.40			Wellington . . . . .	89	87	60.3	1.20		Buckingham . . . . .	91	87	63.3	3.00
Murray . . . . .	84	28	54.9	8.33			Winchester . . . . .	91	87	63.6	1.45		Burlington . . . . .	91	37	63.3	2.10
Ola . . . . .	88	32	59.8	0.93			Winnebago . . . . .	90	85	58.6	2.79		Bussey . . . . .	87	82	59.9	1.43
Paris . . . . .	87	30	58.8	0.60			Yorkville . . . . .	87	82	58.9	0.67		Carroll . . . . .	88	82	59.0	2.20
Payette . . . . .	90	33	63.4	1.09			Zion . . . . .	90	88	59.9	2.56		Cedar Rapids . . . . .	91	89	61.8	1.86
Pollack . . . . .	91	33	60.2	2.19								Chariton . . . . .	87	84	60.4	1.28	
Priest River . . . . .	86	27	54.8	8.80								Charles City . . . . .	90	88	60.4	2.30	
St. Maries . . . . .	85	32	57.1	2.63								Clarinda . . . . .	91	85	61.5	2.10	
Soldier . . . . .	84	19	58.3	0.45								Clearlake . . . . .	95	31	62.8	2.10	
Swan Valley . . . . .	84	24	55.0	2.35								Clinton . . . . .	91	82	61.0	1.72	
Vernon . . . . .				1.44								College Springs . . . . .	88	34	61.0	8.00	
Weston . . . . .	86	31	59.0	2.28								Columbus Junction . . . . .	90	85	63.0	1.95	
												Corning . . . . .	86	34	60.8	4.15	
<i>Illinois.</i>												Council Bluffs . . . . .	90	35	62.1	2.51	
Albion . . . . .	90	39	63.9	1.60								Cresco . . . . .	90	82	58.6	2.02	
Aledo . . . . .	88	37	60.8	1.93								Cumberland . . . . .	91	87	63.5	2.38	
Alexander . . . . .	90	36	62.2	0.70								Danville . . . . .	91	87	62.2	2.18	
Ashton . . . . .	90	33	58.1	2.68								Decorah . . . . .	93	82	59.8	3.88	
Astoria . . . . .	87	35	61.5	0.58								Delaware . . . . .	88	83	58.4	1.70	
Aurora <sup>c</sup> . . . . .	90	35	58.7	0.71								Denison . . . . .	87	82	58.7	1.84	
Beardstown . . . . .				0.67								Desoto . . . . .	86	88	62.6	3.03	
Bloomington . . . . .	92	86	61.7	2.09								Dows . . . . .	87	82	59.1	3.42	
Bushnell . . . . .	91	88	62.0	0.70								Eldon . . . . .	93	83	62.2	0.90	
Cambridge . . . . .	88	39	60.6	2.06								Elkader . . . . .	92	86	61.6	2.34	
Carlinvile . . . . .	91	86	63.1	0.86								Emerson . . . . .	88	86	61.8	8.18	
Carlyle . . . . .				2.88								Estherville . . . . .	88	29	57.4	2.38	
Centralia . . . . .	94	65	52.0	0.98								Fonda . . . . .	87	86	58.4	2.85	
Charleston . . . . .	90	38	62.3	2.87								Forest City . . . . .	87	80	59.7	2.08	
Chemung . . . . .	88	38	57.0	1.77								Fort Dodge . . . . .	90	84	60.2	3.75	
Chester . . . . .				1.56								Fort Madison . . . . .	92	87	61.0	3.11	
Cisne . . . . .	88	38	63.3	1.82								Fruitland . . . . .	92	88	63.4	1.60	
Coatsburg . . . . .	90	36	63.4	0.45								Galva . . . . .	91	82	59.3	1.12	
Cobden . . . . .	93	38	64.8	1.69								Gilmor . . . . .	87	86	59.8	2.98	
Danville . . . . .	90	34	59.8	8.04								Glenwood . . . . .	87	39	62.2	2.81	
Decatur . . . . .	91	36	61.4	2.00								Grand Meadow . . . . .	86	38	59.1	2.85	
Dixon . . . . .	88	38	59.8	2.28								Greene . . . . .	91	88	60.6	1.58	
Dwight . . . . .	88	36	59.6	1.93								Greenfield . . . . .	88	84	61.2	3.28	
Effingham . . . . .	90	35	63.6	1.29								Grinnell . . . . .	86	87	59.0	2.82	
Equality . . . . .	92	37	65.8	1.65								Grinnell (near) . . . . .	89	86	61.2	3.55	
Flora . . . . .	89	38	63.2	2.04								Grundy Center . . . . .	90	84	59.9	2.84	
Galva . . . . .	89	36	59.9	1.51								Hampton . . . . .	93	81	61.7	2.06	
Grafton . . . . .				0.88								Harlan . . . . .	91	80	60.8	1.78	
Greenville . . . . .	91	38	64.2	1.96								Hawkeye . . . . .				1.75	
Grizzsville . . . . .	90	38	63.8	0.46								Hopeville . . . . .	85	88	60.2	3.22	
Halfway . . . . .	90	41	63.0	2.30								Humboldt . . . . .	88	83	60.1	3.64	
Halliday . . . . .	91	36	65.0	2.03								Independence . . . . .	87	84	59.0	2.00	
Havana . . . . .	90	38	63.5	0.66								Indianola . . . . .	86	37	61.6	1.58	
Henry . . . . .	90	34	60.1	2.20								Iowa City . . . . .	88	86	62.3	1.54	
Hillsboro . . . . .	89	40	62.6	1.46								Iowa Falls . . . . .	87	83	59.8	2.10	
Joliet . . . . .	89	37	58.7	0.81								Jefferson . . . . .	91	87	63.2	1.44	
Kishwaukee . . . . .	90	34	58.0	2.00								Keosauqua . . . . .	90	87	63.2	1.48	
Knoxville . . . . .	88	32	58.9	1.25								Lacona . . . . .	91	87	61.5	2.05	
Lagrange . . . . .	90	35	57.4	0.96								Lansing . . . . .	93	35	61.5	2.97	
Laharpe . . . . .	88	31	61.4	2.10								Larchwood . . . . .	90	89	59.9	3.27	
Lanark . . . . .	89	29	59.8	2.72								Lorraine . . . . .	90	28	57.8	2.57	
La Salle . . . . .	89	38	60.4	1.84								LeClaire . . . . .				1.73	
Loami . . . . .				1.92								Lemars . . . . .	87	82	50.5	4.54	
McLeansboro . . . . .	91	38	64.6	1.06								Lenox . . . . .	85	86	60.0	2.60	
Martinton . . . . .	91	34	59.3	2.19								Logan . . . . .	93	81	61.6	2.64	
Mascoutah . . . . .	90	36	63.4	4.19								Maple Valley . . . . .	91	88	61.0	1.80	
Mattoon . . . . .	90	40	62.7	2.97								Maquoketa . . . . .	91	80	59.8	1.91	
Minonk . . . . .	92	35	59.4	2.41								Marshalltown . . . . .	91	86	61.5	2.89	
Mommouth . . . . .	89	33	61.0	1.28								Monticello . . . . .	90	85	61.2	1.56	
Monticello . . . . .	89	37	60.9	2.68								Moor . . . . .	88	89	60.4	2.18	
Morgan Park . . . . .				0.85								Mountay . . . . .	87	86	60.4	2.90	
Morrisonville . . . . .	90	39	62.0	1.98								Mount Pleasant . . . . .	88	84	61.3	1.37	
Mount Carmel . . . . .				1.84								Mount Vernon <sup>b</sup> . . . . .	91	85	61.2	1.37	
Mount Vernon . . . . .	90	37	63.2	2.24								Murray . . . . .				2.59	
Mount Vernon . . . . .	94	39	65.2	1.23			</td										

TABLE II.—Climatological record of voluntary and other cooperating observers.—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations	Temperature. (Fahrenheit.)			Precipita- tion.		Stations	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
Iowa—Cont'd.	o	o	o	In.	In.	Kansas—Cont'd.	o	o	o	In.	In.	Maine—Cont'd.	o	o	o	In.	In.
Primghar	91	38	62.4	2.76		Viroqua	90	35	62.7	2.11		Carmel	84	30	54.9	2.95	
Redoak	92	39	61.4	3.29		Wakeeney (near) *1	84	36	62.7	1.87		Cornish	84	30	54.0	2.40	
Ridgeway	9	34	61.0	3.22		Wallace	85	37	61.6	1.82		Fairfield	85	33	55.0	2.35	T.
Rockwell City	8	35	60.4	2.53		Wamego *1	88	34	63.2	0.92		Farmington	86	28	54.6	3.95	
Ruthven	8	30	60.0	3.60		Winfield	89	41	65.6	2.42		Flagstaff	87	26	52.2	2.34	
Sac City	88	34	69.8	2.17		Yates Center	87	38	64.0	1.63		Gardiner	85	35	55.4	3.97	
St. Charles	87	37	61.4	2.45	Kentucky.						Kineo	72	32	47.7	0.75		
Scranton	88	36	61.0	2.27	Alpha	91	41	63.8	3.27		Lewiston	85	35	54.8	5.77		
Sheldon	89	31	59.6	4.09	Anchorage	88	37	63.4	2.80		Mayfield	84	31	52.2	2.26		
Sibley	91	30	59.6	3.73	Bardstown	91	39	62.5	3.17		North Bridgton	88	31	54.0	7.56		
Sigourney	94	35	62.7	2.24	Berea	89	40	63.4	3.78		Orono	85	32	53.7	2.07		
Sioux Center	89	31	60.0	4.81	Blandville	89	40	65.0	2.16		Rumford Falls	86	32	53.4	6.54		
Spirit Lake	91	29	59.8	2.66	Bowling Green	95	41	66.2	1.82	Maryland.							
Storm Lake	86	32	69.0	1.65	Burnside					Annapolis	86	46	64.1	4.27			
Stuart	87	35	60.4	0.85	Calcuttsburg	80				Bachmans Valley	88	50	59.1	7.47			
Thurman	87	34	61.0	4.06	Centertown	93	36	68.8	1.21		Boettcherville	95	37	63.0	7.45		
Toledo	92	30	62.0	2.87	Earlinton	93	41	66.7	2.58		Boonshoro a	87	40	62.2	6.01		
Villisca	89	32	61.0	2.10	Edmonton	91	40	64.0	2.69		Carmichael						
Vinton *1	90	38	61.5	2.42	Eubank	88	39	62.6	3.07	Charlotte Hall	88	39	63.0	4.03			
Wapello	90	37	63.3	2.58	Falmouth					Chase	77	36	60.9	2.95			
Washington	89	34	60.7	2.06	Ford Ferry	91	37	63.4	1.53		Cheltenham	84	39	62.1	2.50		
Washta					Frankfort	86	42	63.2	2.23		Chestertown	79	43	60.0	3.95		
Waterloo	91	36	60.8	1.79	Greorgetown	86	42	63.2	2.35		Chewsville	84	36	60.8	5.71		
Waverly	91	35	60.6	2.38	Greensburg	90	38	63.7	2.35		Clearspring	90	41	61.2	7.12		
Westbend *1	89	33	59.1	2.17	Henderson	89	43	64.8	1.76		Coleman	85	36	60.8	4.17		
West Union					Hopkinsville	87	40	65.2	1.89		Collegepark						
Wilton Junction	89	33	60.9	1.68	Irvington	87	39	63.0	1.41	Cumberland b							
Winterst	90	35	62.8	2.18	Leitchfield	89	41	62.4	2.35		Darlington	84	41	60.8	2.63		
Woodburn					Loretta	89	44	61.4	1.53		Deerpark	84	25	55.2	5.40		
Kansas.					Manchester	95	38	65.2	1.71		Denton	82	40	62.0	5.08		
Achilles	89	25	59.4	0.63	Marrowbone	88	41	62.4	2.51		Easton	80	43	61.4	3.63		
Altoona	92	39	65.3	2.79	Maysville	91	38	63.3	3.39		Fallston	80	41	60.0	2.88		
Anthony					Mount Sterling	87	39	62.8	3.59		Frederick	85	42	63.4	4.07		
Atchison a	88	39	62.7	2.40	Owensboro	89	40	63.6	2.54		Frostburg	86	36	55.7	9.56		
Baker	89	38	61.5	2.28	Owenton	88	42	62.3	2.89		Grantsville	82	38	56.1	8.32		
Beloit	86	30	61.0	1.91	Paducah a					Greatfalls	88	38	62.3	3.82			
Burlington	88	36	64.8	1.33	Paducah b	94	45	67.6	1.41		Greenspring Furnace	83	44	61.6	7.03		
Chanute	89	40	67.2	3.73	Richmond	90	44	64.2	2.89		Hagerstown	80	39	63.6	5.47		
Colby	88	26	59.7	0.85	St. John	88	38	62.0	2.65		Hancock	82	35	60.8	1.87		
Coolidge	80	31	61.9	2.45	Scott	84	37	63.2	4.41		Harney						
Delphos	84	36	63.7	3.11	Shelby City	88	47	61.2	2.82		Jewell	81	44	61.9	2.35		
Dresden	87	33	59.6	1.29	Shelbyville	91	38	61.5	2.17		Johns Hopkins Hospital	88	43	61.8	3.65		
Ellinwood	84	34	62.3	1.43	Vanceburg	89	38	59.0	2.00		Laurel	89	37	61.6	4.03		
Englewood	91	36	64.2	2.33	Warfield	90	38	63.2	5.11		McDonogh	92	40	60.1	5.12		
Eureka					Williamsburg	89	48	62.0	4.73		Mount St. Marys Coll.	84	45	61.2	6.10		
Eureka Ranch	88	29	61.2	1.49	Louisiana.						Newmarket	85	41	61.9	3.86		
Fallriver	87	64.2*	64.2*	0.56	Abbeville	90	50	73.5	0.66		Pocomoke	82	43	62.1	3.16		
Fanning *	89	30	61.6	1.08	Alexandria	94	44	73.1	1.59		Prince Fredericktown	86	43	63.1	2.85		
Farnsworth *1	89	40	62.0	1.02	Amitie	93	43	72.4	0.58		Princess Anne	81	38	60.8	3.86		
Fort Leavenworth	86	42	65.0*	1.20	Baton Rouge	90	51	72.8	1.97		Queenstown	79	43	61.8	3.34		
Fort Scott	91	38	65.4	3.04	Burnside	91	46	72.0	1.21		Rockhall b	79	41	61.0	3.22		
Frankfort	91	35	63.0	2.57	Calhoun	91	44	69.6	2.47		Sharpsburg	91	41	65.8	5.59		
Garden City	89	32	63.5	1.20	Cheneyville	93	44	73.2	0.80		Smithsburg a	86	35	60.8	5.37		
Gove *	85	35	61.0	1.35	Clinton	89	46	70.4	2.55		Smithsburg b	87	41	61.6	6.56		
Grenola	90	37	61.8	2.17	Covington	95	45	73.6	0.85		Solomons	85	47	62.7	2.65		
Hanover					Donaldsonville	94	52	74.2	0.95		Sudlersville	86	40	63.2	2.83		
Harrison	88	33	61.6	0.82	Emmelle	90	48	73.5	0.75		Sunnyside	93	28	54.9	6.94		
Hays	85	31	60.7	1.41	Farmerville	81	42	70.6	5.42		Takoma Park	88	43	62.4	4.01		
Horton	86	39	62.4	1.45	Franklin	92	47	72.6	1.19		Taneytown	87	41	62.5	3.19		
Hoxie	88	28	61.0	1.15	Grand Coteau	93	47	73.5	0.68		Van Bibber	80	43	61.4	2.29		
Hutchinson	86	34	63.2	1.09	Hammond	92	45	73.2	0.54		Westernport	87	36	58.9	2.37		
Independence	88	41	65.5	4.18	Houma	92	49	73.4	1.06		Westminster	88	41	60.2	3.51		
Jetmore	89	32	62.9	0.85	Jeanerette	94	46	74.6	2.67		Woodstock	85	41	63.0	3.50		
Lakin	89	30	62.0	0.42	Jennings	91	44	72.8	0.85	Masachusetts.							
Lawrence	86	42	64.4	1.02	Lafayette	93	46	72.9	1.02		Amherst	81	35	56.6	5.12		
Lebo	88	39	65.0	1.03	Lake Charles	92	49	72.5	0.45		Bedford	80	37	54.0	6.92		
Leoti	85	28	60.7	2.05	Lake Providence	91	48	71.3	7.20		Bluehill (summit)	83	34	53.5	5.96		
Little River	86	33	63.2	2.78	Lawrence	94	50	74.6	2.30		Cambridge	85	36	55.2	7.41		
Macksville	84	31	61.2	0.77	Libertyhill	93	45	71.8	2.81		Chestnuthill	86	30	54.8	7.04		
McPherson	85	36	63.6	1.76	Mansfield	92	42	70.4	2.61		Cohasset						
Madison	87	39	64.2	0.58	Melville	92	43	72.6	1.50		Concord	87	35	55.0	7.53		
Marion	85	39	64.7	1.35	Minden	94	45	70.4	4.97		East Templeton	82	38	54.2	8.78		
Medicine Lodge	91	39	66.0	1.82	Monroe	94	51	72.5	2.68		Fallriver	79	40	55.8	7.56		
Minneapolis	90	36	62.2	2.44	New Iberia	89	51	72.8	1.95		Fitchburg a*1	85	42	54.9	7.46		
Moran	85	39	63.6	3.08	Oakridge	94	44	71.0	5.23		Fitchburg b	87	36	55.2	6.94		
Mounthope *1	83	49	65.0	1.44	Opelousas	98	43	73.1	T.		Framingham	86	34	56.4	7.00		
Ness City	92	33	64.1*	1.35	Oxford	90	41	69.6	2.13		Groton	84	32	54.0	6.89		
Newton	89	36	64.9	1.26	Paincourtville	94	47	73.2	0.65		Hyannis						
Norwich	84	37	64.2	1.92	Plain Dealing	92	43	69.6	5.26		Jefferson						
Oberlin					Prevost						Lawrence	87	35	55.0	6.42		
Olathe	86	36	64.4	0.44	Rayne	94	49	76.4	0.72		Leominster						
Osage City	87	48	69.0	1.46	Reserve						Lowell a	86	38	57.0			

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Massachusetts—Cont'd.</i>	o	o	o	Ins.	Ins.	<i>Michigan—Cont'd.</i>	o	o	o	Ins.	Ins.	<i>Mississippi—Cont'd.</i>	o	o	o	Ins.	Ins.
Weston.....	84	85	55.2	8.28		St. Ignace.....	71	83	50.8	1.67		Columbus <sup>a</sup> .....	90	48	68.9	4.42	
Williamstown.....	81	85	55.6	4.98		St. Joseph.....	77	88	58.8	1.12		Columbus <sup>b</sup> .....	90	46	69.8	4.31	
Winchendon.....	81	85	56.1	6.15		Sidnaw.....	85	80	50.2	2.85		Corinth.....	90	46	69.8	3.77	
Worcester.....	85	87	56.3	5.53		South Haven.....	84	98	52.9	2.82		Crystalsprings.....	90	48	71.5	4.32	
<i>Michigan.</i>						Thomaston.....	82	80	53.6	1.01		Edwards.....	95	49	73.2	12.20	
Adrian.....	84	81	56.0	2.53		Thornville.....	81	87	56.2	3.58		Fayette.....	91	42	70.9	1.78	
Agricultural College.....	81	83	55.2	2.42		Traverse City.....	76	82	52.8	1.71		Fayette (near)* <sup>1</sup> .....	90	56	73.8	1.96	
Allegan.....	84 <sup>1</sup>	80 <sup>4</sup>	56.4 <sup>4</sup>	1.11		Vassar.....	81	82	54.7	8.41		Greenville <sup>a</sup> .....	91	55	72.8	5.68	
Alma.....	84	82	54.9	2.27		Wasepi.....	84	88	56.2	2.58		Greenville <sup>b</sup> .....	94	53	71.3	5.58	
Ann Arbor.....	85	84	56.4	1.72		Waverly.....	89	87	55.9	2.34		Hazlehurst.....	93	46	72.8	2.61	
Ann Arbor.....	83	82	57.8	1.90		West Branch.....	76	82	53.8	2.43		Hernando.....	92	48	68.6	1.75	
Arbela.....	82	83	55.8	3.71		Wetmore.....	78	83	49.0	3.65		Holly Springs.....	89	40	68.4	2.70	
Baldwin.....	80	77	56.7	1.75		Whitecloud.....	83	89	58.0	....		Indiana.....	91	45	70.6	5.35	
Ball Mountain.....	85	84	56.0	3.40		Whitfish Point.....	75	80	46.5	0.96		Jackson.....	93	50	70.6	5.73	
Baraga.....	78	80	56.2	....		Williamston.....	80	82	56.0	3.22		Kosciusko.....	91	45	69.0	4.00	
Battlecreek.....	80	84	56.8	2.58		Ypsilanti.....	85	83	55.8	3.65		Lake.....	90	41	67.4	8.35	
Bay City.....	82 <sup>8</sup>	82	56.2 <sup>24</sup>	2.35		<i>Minnesota.</i>						Leakesville.....	94	45	72.2	2.96	
Benzonia.....	88	80	53.6	1.83	2.0	Ada.....	95	89	58.5	0.22		Louisville.....	91	45	68.3	4.27	
Berlin.....	79	82	54.6	4.30		Alexandria.....	87	80	57.6	0.85		Macon.....	93	44	70.1	4.73	
Berrien Springs.....	86	88	56.1	1.59		Ashby.....	87	89	59.1	1.13		Magnolia.....	98	48	71.1	1.55	
Big Rapids.....	81	86	55.0	2.01		Beardsley.....	91	85	58.2	1.35		Natchez.....	92	48	72.2	0.75	
Birmingham.....	84	84	57.1	2.59		Beaumont.....	92 <sup>b</sup>	85 <sup>b</sup>	58.2 <sup>b</sup>	0.14	0.4	Nitayuma.....	80	49	70.2	6.15	
Boon.....	85	85	52.4	2.55	1.0	Bemidji.....	90	89	59.1	4.97	1.1	Okolona.....	91	51	72.4	4.70	
Calumet.....	81	83	53.3	1.09		Bird Island.....	90	89	59.6	2.48		Palo Alto.....	98	48	69.0	5.84	
Carsonville.....	78	85	55.4	2.16		Blooming Prairie.....	89	89	57.8	1.40		Pearl River.....	93	47	73.4	0.49	
Cessopolis.....	85	87	59.1	2.34		Brainerd.....	90	83	58.2	1.23		Pontotoc.....	91	49	67.6	5.07	
Charlevoix.....	77	89	51.4	2.34		Caledonia.....	90	82	58.6	2.91		Poplarville.....	93	55	75.2	1.30	
Chatham.....	82	86	50.0	3.72		Collegeville.....	88	82	58.8	1.36		Port Gibson.....	93	45	70.8	8.05	
Cheboygan.....	74	89	52.0	3.35		Crookston.....	90	80	58.0	0.26		Ripley.....	91	40	66.0	3.84	
Clinton.....	81	82	56.4	2.91		Currie.....	93 <sup>3</sup>	89 <sup>3</sup>	59.8 <sup>3</sup>	....		Saratoga.....	93	42	70.9	6.81	
Coldwater.....	84	84	56.6	1.78		Deephaven.....						Shoecoe.....				5.63	
Deerpark.....	72	89	46.8	1.38		Detroit City.....	90	27	57.2	0.83		Stonington * <sup>1</sup> .....	90	48	72.3	3.00	
Detour.....	75	81	51.7	1.68		Faribault.....	87	80	61.9	0.90		Suffolk.....				1.73	
Dundee.....	85	88	56.8	3.09		Farmington.....	90	82	59.8	1.67		Thornton.....	90	54	72.0	6.08	
Eagle Harbor.....	70	81	48.1	2.40		Fergus Falls.....	87	89	58.6	0.89		Tupelo.....				4.98	
East Tawas.....	75	81	55.8	1.89		Glencoe.....	88	89 <sup>18</sup>	58.8	1.20		Walnutgrove.....	89 <sup>1</sup>	51	71.8 <sup>1</sup>	2.60	
Elose.....	86	84	57.4	2.91		Lake Jenny.....	89	83	60.8	1.38		Watervalley.....				4.14	
Ewen.....	90	81	54.3	1.51		Lakeside.....	87	89	58.8	1.50		Waynesboro.....	92	53	75.5	3.65	
Fairview.....	82	83	53.3	1.86		Lake Winnibigoshish.....	83	88	58.8	0.73		Windham.....	94	48	72.0	11.75	
Fennville.....	87	87	56.7	1.85		Leech.....	93	89	56.1	0.45		Woodville.....	91	49	73.2	0.98	
Fitchburg.....	82	83	55.6	5.65		Long Prairie.....	88	88	57.3	1.44		Yazoo City.....	93	46	71.2	6.08	
Flint.....	81	84	55.6	4.01		Luverne.....	86	81	59.3	3.25		<i>Missouri.</i>					
Gaylord.....	79	15	51.6	4.10		Lynd.....	89 <sup>2</sup>	26 <sup>2</sup>	60.0 <sup>2</sup>	1.79		Appleton City.....	92	40	65.2	2.07	
Gladwin.....	81	89	55.4	2.60		Mapleplain.....	92	81	59.3	1.31		Arthur.....	85	37	68.0	2.64	
Grand Marais.....	74	28	49.4	1.87		Milaca.....	88	80	58.8	0.55		Avalon.....	88	36	68.6	0.85	
Grand Rapids.....	83	85	58.2	3.47		Milan.....	92	89	59.0	1.36		Bagnell.....				0.25	
Grape.....	85	82	56.8	3.04		Minneapolis <sup>a</sup> .....	91	31	59.7	1.89		Bethany.....	86	31	60.0	1.41	
Grayling.....	81	82	58.0	8.75		Minneapolis <sup>b</sup> .....	89 <sup>2</sup>	32	59.3	1.76		Birchtree.....	88	40	65.2	0.19	
Hanover.....	82	84	56.0	3.07		Montevideo.....	95	88	59.4	1.23		Boonville.....				1.16	
Harbor Beach.....	78	85	50.8	2.18		Morris.....	94	80	60.2	2.15		Brunswick.....	87	39	62.5	1.22	
Harrison.....	81	81	52.2	2.72		Mount Iron.....	81	25	55.1	1.60		Carrollton.....	87	42	62.2	2.13	
Harrisville.....	70	82	50.5	3.26		Newfolden.....	89	23	56.9	0.76		Conception.....	85 <sup>1</sup>	35	60.2 <sup>1</sup>	2.03	
Hart.....	84	84	55.2	1.77		New London.....	93	2	59.0	1.50		Cook Station.....	93	31	63.2	1.10	
Hastings.....	81	81	56.4	2.03		New Ulm.....	83	31	60.8	2.10		Darksville.....	93	35	63.1	1.29	
Hayes.....	81	81	54.2	1.41		Park Rapids.....	87	29	55.8	1.11	0.4	Dean.....	91	37	65.8	1.21	
Highland Station.....				2.95		Pine River.....	87	29	56.2	1.28	0.1	Desoto.....	93	37	64.2	2.23	
Hilldale.....	83	83	55.6	2.64		Pleistone.....	86	28	57.6	2.51		Downing.....				0.51	
Humboldt.....	73	22	51.2	3.18		Pleasant Mounds.....	90	30	58.4	1.76		Edgellhill.....	93	48	65.4	0.92	
Ionia.....	84	82	57.9	2.20		Pokegama Falls.....	86	24	54.1	1.14		Edwards.....	88	30	62.0	1.82	
Iron River.....	76 <sup>1</sup>	20	53.0 <sup>4</sup>	2.66		Redwing a.....	92	35	61.0	0.96		Eightmile * <sup>2</sup> .....	87	37	57.9	1.85	
Ishpeming.....	80	88	52.4	3.14		Redwing b.....						Elidon.....	89	33	62.4	0.86	
Ivan.....	80	88	58.4	3.12		Rolling Green.....	86	30	58.4	2.30		Fairport.....	90	34	63.6	1.59	
Jackson.....	86	85	57.7	2.81		St. Charles.....	87	29	58.2	1.90		Fayette.....	90	34	63.6	0.34	
Jeddo.....	80	82	53.5	2.09		St. Cloud.....	90	33	58.2	1.21		Fulton.....	88	33	63.2	0.40	
Kalamazoo.....	81	81	57.8	2.25		St. Peter.....	89	30	59.6	2.07		Galeana.....				0.78	
Lake City.....	84	84	54.6	1.75		Sandy Lake Dam.....	87	30	58.8	0.86		Gallatin * <sup>1</sup> .....	88	40	62.2	1.71	
Lansing.....	80	84	55.8	2.07		Thief River Falls.....						Gayoso.....	93	42	67.4	1.74	
Lapeer.....	81	84	54.8	2.97		Tower.....	84	35	56.8	2.00		Glasgow.....	88	35	63.2	0.73	
Lathrop.....	80	27	51.0	4.44		Two Harbors.....	81	29	48.0	1.42		Gordin.....				1.77	
Lincoln.....	74	80	52.0	1.10		Wabasha * <sup>2</sup> .....	84	27	54.6	1.97		Halfway.....	86	35	63.0	1.06	
Ludington.....	79	24	52.6	0.76		Winnebago City.....	93	23	58.9	2.00		Harrisonville.....	88	38	63.2	2.38	
Mackinac Island.....	70	82	52.8	1.93		Worroad.....	89	29	55.3	0.60		Hazlehurst.....				1.31	
Mackinaw.....	70	82	52.5	1.71		White Bear.....	86	28	58.4	2.10		Hermann.....				0.82	
Madison.....	86	82	58.0	2.07		Willmar.....											

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Missouri—Cont'd.</i>	°	°	°	In.	In.	<i>Nebraska—Cont'd.</i>	°	°	°	In.	In.	<i>Nebraska—Cont'd.</i>	°	°	°	In.	In.
Mount Vernon .....	88	37	64.2	3.00	In.	Beatrice .....	88	33	61.2	3.01	In.	Rulo .....	.....	.....	.....	5.20	.....
Neosho .....	85	36	64.0	2.62		Beaver .....	91	31	61.4	0.77		St. Libby .....	.....	.....	.....	.....	.....
Nevada .....	90	40	64.8	1.19		Bellevue .....	.....	.....	.....	2.40		St. Paul .....	88	31	61.1	0.86	
New Haven .....	.....	.....	.....	2.38		Benedict .....	.....	.....	.....	2.97		Salem *1 .....	85	48	63.8	4.05	
New Madrid .....	88	37	63.9	0.92		Benkleman .....	.....	.....	.....	1.25		Santee .....	82	32	61.6	2.19	
New Palestine .....	89	40	64.0	2.04		Blair .....	90	38	61.0	1.58		Schuylerville .....	.....	.....	.....	1.54	
Oakfield .....	89	36	64.0	1.24		Bluehill *1 .....	82	35	60.8	1.30		Seneca *1 .....	84	38	61.3	0.15	
Olden .....	87	37	64.7	1.24		Bradshaw .....	90	31	60.0	1.71		Seward .....	88	34	61.4	1.34	
Oregon a .....	88	40	62.8	2.67		Brookhaven *1 .....	90	31	60.0	2.12		Smithfield .....	.....	.....	.....	1.20	
Palmyra *5 .....	80	44	64.6	1.17		Burchard .....	.....	.....	.....	1.78		Spragg .....	.....	.....	.....	1.79	
Phillipsburg *1 .....	85	43	64.4	1.00		Burwell .....	.....	.....	.....	2.15		Springview .....	88	32	60.9	1.69	
Pine Hill .....	.....	.....	.....	1.07		Callaway .....	82	30	58.9	2.63		Stanton *1 .....	85	41	59.9	3.45	
Poplarbluff .....	98	39	66.4	2.39		Camp Clarke .....	89	32	60.0	0.25		State Farm .....	90	38	62.0	2.10	
Potosi .....	91	38	62.0	0.81		Central City .....	.....	.....	.....	2.06		Strang .....	.....	.....	.....	1.27	
Princeton .....	91	36	63.2	2.58		Chester .....	.....	.....	.....	1.50		Stratton .....	.....	.....	.....	0.76	
Richmond .....	87	40	63.2	2.19		Cody .....	.....	.....	.....	1.58		Superior .....	87	35	61.4	0.75	
Rockport .....	.....	.....	.....	2.62		Columbus .....	86	35	61.4	1.74		Syracuse .....	.....	.....	.....	2.48	
Rolla .....	.....	.....	.....	0.73		Crete .....	85	36	61.6	1.53		Tablerock .....	.....	.....	.....	2.86	
St. Charles .....	90	38	62.9	3.77		Culbertson .....	.....	.....	.....	0.63		Tecumseh b .....	87	36	62.2	2.72	
St. Joseph .....	.....	.....	.....	1.81		Curtis .....	90	30	61.6	1.11		Tecumseh c .....	.....	.....	.....	2.95	
Sartorius *4 .....	48	63.4	2.34		Dannebrog .....	.....	.....	.....	1.24		Tekamah .....	89	37	61.6	1.54		
Sedalia .....	.....	.....	.....	0.90		David City .....	89	38	60.8	2.40		Turlington .....	88	38	61.0	2.61	
Seymour .....	87	37	63.6	0.73		Dawson .....	90	38	63.2	5.29		Wakefield .....	89	38	60.2	2.71	
Shelbina .....	.....	.....	.....	0.90		Eden .....	.....	.....	.....	3.68		Wallace .....	.....	.....	.....	1.61	
Sikeston .....	92	40	64.8	2.95		Edgar a .....	.....	.....	.....	3.13		Wauneta .....	.....	.....	.....	0.10	
Steffenville .....	91	38	64.3	0.65		Ewing .....	.....	.....	.....	3.82		Weeping Water .....	.....	.....	.....	1.79	
Sublett .....	90	33	63.5	0.29		Fairbury .....	88	33	61.2	2.09		Westpoint .....	90	35	60.4	2.70	
Trenton .....	85	39	63.2	1.81		Fairfield .....	84	34	60.8	0.93		Whitman .....	.....	.....	.....	0.85	
Unionville .....	98	33	64.1	2.14		Fairmont .....	86	33	59.6	2.49		Wilber *1 .....	86	24	61.6	2.15	
Vichy .....	89	36	64.0	0.42		Fort Robinson .....	87	31	68.4	2.82		Willard .....	.....	.....	.....	1.10	
Warrensburg .....	29	38	64.5	1.78		Franklin .....	90	29	61.8	1.56		Wilsonville *1 .....	.....	.....	.....	0.68	
Warrenton .....	90	38	63.6	2.68		Fremont .....	88	36	60.7	2.75		Winnebago .....	.....	.....	.....	2.55	
Wheatland .....	.....	.....	.....	1.22		Fullerton .....	.....	.....	.....	0.50		Wisner .....	.....	.....	.....	3.01	
Willow Springs .....	86	38	63.4	2.28		Geneva .....	87	33	60.6	2.55		Wymore .....	.....	.....	.....	2.29	
Windsor .....	86	37	63.8	1.65		Genoa .....	85	36	61.2	1.68		York .....	.....	.....	.....	2.98	
Zeltonia .....	93	37	64.4	0.33		Gering .....	87	30	59.2	1.75		<i>Nevada.</i>	.....	.....	.....	.....	.....
<i>Montana.</i>	.....	.....	.....	.....		Gordon .....	.....	.....	.....	4.00		Amos .....	83	24	56.2	0.19	
Adel .....	82	17	50.5	3.77		Gosper .....	.....	.....	.....	0.68		Austin .....	77	30	55.3	2.02	
Anaconda .....	94	27	53.2	2.27		Grand Island a .....	82	38	61.1	1.18		Battle Mountain *1 .....	82	40	57.4	0.00	
Augusta .....	82	25	53.8	4.13		Grand Island b .....	85	34	62.0	1.04		Belmont .....	79	26	52.2	0.82	
Billings .....	93	35	62.8	.....	Grand Island c .....	88	33	61.3	0.70		Beowawe *1 .....	93	43	63.7	0.60		
Boulder .....	83	30	58.3	2.14		Greeley .....	.....	.....	.....	1.00		Candelaria .....	86	32	56.6	.....	
Bozeman .....	83	33	54.2	5.01		Guide Rock .....	.....	.....	.....	0.70		Carlin *1 .....	88	26	62.5	0.00	
Butte .....	81	29	51.4	3.40		Hartington .....	89	34	59.6	2.96		Carson City .....	82	36	53.8	1.68	
Canyon Ferry .....	92	28	59.6	3.38		Holdrege .....	86	33	62.5	0.65		Cranes Ranch .....	.....	.....	.....	1.19	
Chester .....	89	24	56.7	2.42		Hooper *1 .....	88	44	61.5	2.29		Elko (near) .....	80	32	54.4	0.45	
Chinook .....	93	19	60.4	2.73		Imperial .....	89	32	59.6	1.38		Ely .....	84	29	53.7	0.5	
Clemens .....	82	25	52.2	4.46		Hayes Center .....	86	35	60.0	3.99		Fenelon *1 .....	81	32	54.8	0.20	
Columbia Falls .....	85	21	51.2	3.31		Hay Springs .....	87	30	59.9	1.18		Goloonda *1 .....	89	24	56.9	0.81	
Corvallis .....	89	21	58.4	3.70		Hebron .....	87	33	61.0	1.61		Halleck *1 .....	87	26	57.9	T.	
Crow Agency .....	94	35	62.2	2.65		Hickman .....	.....	.....	.....	3.00		Hamilton .....	80	23	53.0	1.20	
Culbertson .....	100	24	63.0	0.16		Holbrook .....	.....	.....	.....	0.40		Hawthorne .....	83	35	52.0	0.39	
Dell .....	82	28	58.6	1.33		Holdrege .....	86	33	62.5	0.65		Hot Springs *1 .....	86	40	61.7	T.	
Dillon .....	87	38	60.5	2.48		Hooper .....	88	44	61.5	2.29		Humboldt *1 .....	88	44	62.8	0.86	
Fort Benton .....	88	32	59.4	4.34		Imperial .....	89	32	59.6	1.38		Lee .....	.....	.....	.....	2.01	
Glasgow .....	27	31	63.3	1.01		Johnstown .....	.....	.....	.....	2.58		Lewers Ranch .....	80	31	64.2	2.71	
Glendive .....	100	28	66.4	T.		Kearney .....	.....	.....	.....	1.64		Lovelock's *1 .....	86	41	61.0	0.56	
Glenwood .....	85	17	58.2	2.62		Kennedy .....	90	23	61.6	1.57		Martins .....	90	26	55.6	0.36	
Greatfalls .....	88	35	58.5	3.49		Kimball .....	85	32	57.6	1.17		Mill City .....	.....	.....	.....	0.27	
Kipp .....	83	17	52.0	3.08		Kirkwood *1 .....	89	40	60.9	0.98		Monitor Mill .....	79	25	49.9	0.70	
Lewistown .....	87	21	55.1	4.45		Laclede .....	.....	.....	.....	1.15		Owyhee .....	74	28	52.4	1.45	
Livingston .....	89	31	58.1	8.00		Lena .....	.....	.....	.....	3.08		Palisade *1 .....	94	37	60.0	0.20	
Manhattan .....	86	31	57.0	.....		Lexington .....	86	30	58.9	1.18		Palmetto .....	82	19	50.7	3.79	10.5
Martinsdale .....	86	24	56.0	3.90		Lodgepole .....	88	32	58.3	3.50		Potts .....	91	26	55.9	0.43	2.0
Marysville .....	80	25	51.8	3.52		Loup .....	.....	.....	.....	1.49		Reno State University .....	80	22	54.4	1.60	
Missoula .....	89	28	59.1	3.84		Lynch .....	96	26	60.8	2.16		Silverpeak .....	87	36	59.6	0.04	
Onward .....	84	19	52.0	2.80		McCook *1 .....	85	40	61.4	0.13		Sodaville .....	81	37	59.9	0.88	
Parrot .....	85	37	56.2	2.49		Madison .....	88	34	59.6	3.00		Teoma *1 .....	86	40	63.0	T.	
Plains .....	85	28	55.6	0.60		Madrid .....	.....	.....	.....	2.18		Toano *5 .....	92	28	61.2	1.85	
Poplar .....	104	26	64.8	0.20		Marquette .....	.....	.....	.....	0.84		Tybo .....	84	31	56.2	0.40	
Radersburg .....	87	31	64.9	.....		Mason City .....	.....	.....	.....	2.30		Verdi *1 .....	70	25	47.5	0.50	
Ridgeland .....	90	25	64.0	1.24		Merriman .....	.....	.....	.....	0.84		Wadsworth *1 .....	86	40	60.0	0.76	
St. Paul .....	86	22	67.8	4.23		Minden a .....	86	30	59.6	0.83		Wells .....	.....	.....	.....	0.30	
St. Peter .....	84	20	52.2	8.48		Monroe .....	.....	.....	.....	1.20		Wood .....	85	27	54.8	0.73	
Troy .....	89	24	55.6	2.04		North Loup .....	89	32	61.1	2.32		<i>New Hampshire.</i>	.....	.....	.....	.....	.....
Twin Bridges .....	85	33	56.2	.....		Oakdale .....	89	34	60.3	2.86		Alstead .....	81	31	55.1	5.81	

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
New Jersey—Cont'd.	o	o	o	In.	In.	New York—Cont'd.	o	o	o	In.	In.	New York—Cont'd.	o	o	o	In.	In.
Belvidere	86	37	60.0	5.24		Auburn	80	34	58.4	4.27		Wedgewood	75	36	54.2	4.82	
Bergen Point	84	40	57.5	7.68		Avon	79	35	56.4	1.78		Wells	82	38	54.4	4.59	
Beverly	86	39	60.0	5.45		Axon	83	36	52.2	4.61		West Berne	83	30	55.9	5.47	
Blairstown	89	34	59.0	6.52		Baldwinsville	78	39	55.3	3.85		West Chazy	79	38	56.0		
Bridgeton	85	40	61.7	3.23		Bedford a	83	36	58.0			Westfield a	79	34	55.4	4.15	
Camden	82	41	59.8	5.01		Blue Mountain Lake	79	26	53.8	4.93		Westfield b	79	37	55.8	4.76	
Cape May C. H.	78	38	58.0	4.01		Bolivar	76	35	55.0	5.79		Westfield c	78	34	53.2	3.47	
Charlottesville	83	29	56.0	6.57		Bouckville						Windham	82	30	54.0	5.02	
Chester	82	33	55.4	5.19		Boy's Corners						Wolcott				2.73	
Clayton	83	39	59.8	3.57		Brookport	77	38	55.8	4.02		North Carolina.					
College Farm	85	37	59.2	5.01		Caldwell	79	33	55.4	4.57		Aberdeen	92	58	72.8		
Deckertown	86	36	59.7	4.95		Canaan Four Corners	80	32	54.9	6.81		Abshers	90	40	64.2	11.84	
Dover	86	34	56.8	6.09		Cana Joharie	86	33	55.5	5.10		Asheville				6.24	
Egg Harbor City	81	34	58.6	4.93		Canton	82	34	55.8	5.77		Biltmore	90	45	65.4	6.35	
Elizabeth	89	38	58.6	6.92		Carmel	82	37	57.8	7.49		Bryson City				7.48	
Flemington	83	37	59.8	6.29		Carvers Falls	85	30	56.0	4.81		Chapel Hill	92	50	68.0	11.88	
Freehold	86	36	58.2	5.92		Catskill	78	40	58.0	5.72		Cherryville	92	44	67.5	8.67	
Friesburg	81	36	59.7	3.10		Cedar Hill	83	36	56.6	5.27		Currituck				5.10	
Hanover	86	34	58.3	6.17		Chenango Forks						Durham	90	45	67.6	8.89	
Hightstown	85	39	59.0	5.09		Cooperstown	78	34	51.6	4.94		Fayetteville	95	50	70.2	7.98	
Imlaystown	89	39	61.7	5.31		Cortland						Flatrock	88	36	61.2	10.97	
Indian Mills	90	34	60.2	5.77		Cochecton	77	35	54.8	7.81		Goldsboro	92	54	69.4	7.69	
Lambertville	86	38	60.2	5.99		DeKalb Junction						Greensboro	90	47	66.2	7.71	
Layton	86	32	57.2	5.56		Easton						Henderson	89	52	66.7	8.37	
Moorestown	84	38	59.5	5.73		Elba	79	35	55.4	5.13		Hendersonville	86	38	61.8	8.94	
Mount Pleasant				6.26		Elmira	80	38	57.6	4.82		Henretta	95	47	68.2	9.00	
Newark	86	38	57.2	5.95		Franklinville	77	29	53.7	4.94		Highlands	77	32	57.3	6.61	
New Brunswick	87	38	60.1	5.02		Fulton						Horse Cove	83	39	62.7	9.74	
New Egypt				5.38		Gabriel	86	30	57.7	4.18		Kinston	94	44	70.6	6.51	
Newton	84	34	58.6	5.24		Glens Falls	85	37	57.6	3.05		Lenoir	91	43	67.9	10.39	T.
Oceanic	80	38	57.3	6.77		Gloversville	80	38	54.8	3.57		Linville	76	32	55.7		
Paterson	89	31	59.9	7.81		Greenwich	82	31	56.8	4.86		Littleton	91	46	65.0	9.45	
Perth Amboy	87	41	59.2	5.76		Griffith Corners	82	29	53.8	5.47		Louisburg	91	45	67.8	8.06	
Plainfield	85	36	57.8	5.16		Haskinsville						Lumberton	92	49	72.1	12.52	
Rancocas				5.63		Hemlock	75	40	55.8	4.28		Marion	91	41	65.5	12.63	
Rivervale	84	33	57.2	8.18		Honeydew Brook	81	34	56.7	5.89		Marshall	86	40	61.8	5.37	
Roseland	83	33	56.6	6.29		Honneda Lake						Mocksville				6.80	
Salem	84	39	61.0	3.23		Humphrey	77	31	58.4	4.97		Monroe	92	47	68.8	9.53	
Somerville	85	35	59.4	5.46		Indian Lake	81	28	53.8	4.34		Monroe	93	44	66.8	7.20	
South Orange	84	38	57.6	6.12		Ithaca	76	35	55.8	4.20		Morganston	92	44	65.4	6.70	
Three Bridges				6.29		Jay	89	28	58.0	4.93		Mountairy	98	41	65.0	6.08	
Toms River	85	31	58.5	7.03		Keene Valley	85	32	55.4	5.73		Murphy				9.30	
Trenton	81	42	59.4	5.41		King Ferry						Newbern	95	48	70.0	7.74	
Tuckerton	81	35	57.6	6.62		King Station						Oakridge	89	48	65.8	8.63	
Vineland	84	38	60.0	4.76		Liberty	81	37	54.8	4.66		Patterson	86	43	66.2	11.85	
Woodbine	81	35	60.0	6.20		Littlefalls, City Res.	77	38	55.4	5.66		Plattsboro	92	45	65.0	8.66	
Woodstown				3.17		Lockport	79	39	57.6	3.27		Redsprings	95	50	70.4	10.88	
New Mexico.						Lowville	78	38	54.8	3.66		Roxboro	89	42	67.0	9.21	
Alamagordo						Lyons	80	37	57.4	2.42		Salem	92	45	66.6	5.70	
Albert	86	43	62.8	5.14		Mayle						Salisbury	94	39	68.6	6.27	
Albuquerque	87	41	64.5*	0.55		Meredith	77	32	58.9	6.05		Saxon	90	46	67.1	8.01	
Alma	83	30	69.2	1.75		Middletown	81	41	58.0	6.90		Selma	97	48	69.0	5.97	
Bell Branch				3.99		Mohonk Lake	77	40	55.3	8.75		Settle	92	49	67.9	5.18	
Bernalillo	89	41	64.9	0.66		Moira	81	33	56.6	4.00		Sloan	95	43	69.6	9.40	
Bluelwater	89	30	57.4	0.80		Newark Valley						Soapstone Mount	89	42	64.3	7.25	
Cambray				0.05		New Lisbon	79	29	53.6	5.51		Southern Pines a	97	52	72.2	8.83	
Deming						North Germantown						Southern Pines b	93	54	70.7	9.21	
East Las Vegas	73	37	57.4	5.55		North Hammond	82	38	55.6	4.46		Southport	96	52	70.8	6.11	
Engie	90	34	65.2	T.		Nu' bet Four	80	28	53.4	3.46		Springhope	90	55	67.2	7.20	
Espanola	85	31	60.0	1.65		Ogdensburg	82	38	56.6	5.23		Statesville	92	44	65.0	6.98	
Folsom	76	32	55.0	5.42		Old Chatham						Tarboro	93	46	67.0	5.54	
Fort Bayard	85	35	61.8	T.		Oneonta	81	34	57.3	4.54		Washington	92	53	71.0	5.71	
Fort Stanton	88	29	57.8	0.64		Oxford	80	30	55.6	7.69		Waynesville	88	35	59.4	9.63	
Fort Union	78	33	55.0	5.92		Palermo	78	38	55.8	8.08		Weldon a	87	48	66.1	5.58	
Fort Wingate	82	27	58.2	1.10		Penn Yan	78	41	56.8	4.44		Weldon b				5.51	
Gage				0.00		Perry City	80	31	54.9	4.80		North Dakota.					
Galisteo	84	36	59.7	2.80		Plattsburg Barracks						Ashley	91	21	59.0	0.89	
Gallinas Spring	88	39	63.8	2.60		Port Byron	77	37	56.6	4.46		Berlin	95	21	56.2	0.85	
Las Vegas	82	31	57.4	4.75		Port Jervis	86	37	58.6	6.73		Bottineau	92	25	58.3	0.17	
Las Vegas Hot Springs	76	36	54.4	1.44		Primrose	85	37	57.6	6.72		Buxton	89	30	57.3	0.11	
Lordsburg				T.		Redhook						Churchs Ferry	93	24	58.5		
Los Lunas	92	40	66.2	0.85		Richmondville	83	34	55.6	5.22		Coalharbor	93	23	60.8	0.38	
Lower Penasco	89	41	64.0	1.15		Ridgeway	74 <sup>d</sup>	37	55.6	4.66		Devils Lake	94	26	58.8	0.10	
Mesilla Park	96	36	68.6	T.		Rome	77	35	56.2	5.56		Dickinson	96	24	62.9	0.13	
Olio	92	32	62.9	T.		Romulus	79	36	57.1	5.37		Dominy bro k				0.32	
Raton	78	31	55.4	1.85		Salisbury Mills						Dunseith	91	27	58.6	T.	
Roswell	92	37	67.1	1.04		Saranac Lake	86	29	52.9	4.81		Ellendale	94	26	61.1	0.85	
San Marcial	105	43	71.2	0.00		Saratoga Springs	80	36	57.0	4.97		Falconer	92	21	60.8	0.45	
Socorro	93	37	68.8	0.72		Schenectady	82	40	59.7	6.11		Fargo	94	30	59.0	0.98	
Springer	81	35	58.0	4.00		Shortauket	78	39	55.6	3.56		Forman	97	24	59.0	0.66	
Strauss				0.00		Shortsville	77	36	53.6	3.56		Fort Berthold	99	2			

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations	Temperature. (Fahrenheit.)			Precipita- tion.	Total depth of snow.	Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	Total depth of snow.	Stations.	Temperature. (Fahrenheit.)			Precipita- tion.
	Maximum.	Minimum.	Mean.				Maximum.	Minimum.	Mean.				Maximum.	Minimum.	Mean.	
North Dakota—Cont'd.	0	0	0	In.	In.	Ohio—Cont'd.	0	0	0	In.	In.	Oregon—Cont'd.	0	0	0	In.
Melville	90	23	60.0	T.	0.20	Oberlin	85	81	57.0	3.98	Gardiner	77	35	54.1	4.56	
Milton	88	26	58.7	0.20		Ohio State University	85	83	59.2	4.46	Glenora	89	32	52.0	4.92	
Minto	92	24	58.9	0.15		Orangeville	88	80	57.9	4.07	Government Camp	73	30	47.7	2.45	
Napoleon	93	19	59.9	0.20		Ottawa	85	83	59.0	4.83	Hare	78	36	50.4	3.32	
New England	92	19	60.8	0.06	T.	Pataskala	84	83	59.2	4.50	Harris	86	33	55.2	1.90	
Oakdale	93	26	62.2	0.06		Plattsburg	85	84	59.3	2.90	Hood River (near)	91	34	57.0	0.51	
Pembina	95	26	57.8	0.12	0.4	Philo	86	88	60.7	7.56	Huntington	93	40	64.6	0.52	
Portal	95	21	62.7	0.40		Porteroy	89	89	61.6	2.90	Joseph	78	26	51.0	1.41	
Power	95	29	60.0	0.17		Portsmouth	.....	.....	.....	3.49	Junction City <sup>1</sup>	92	43	59.3	0.2	
Steely	95	21	61.1	T.		Portsmouth <sup>b</sup>	90	48	63.6	3.43	Kerby	87	34	58.3	1.90	
University	90	30	58.2	0.28	T.	Pulse	.....	.....	3.19	2.20	Klamath Falls	85	28	54.5		
Valley City	93	27	60.2	T.		Richfield	.....	.....	4.75		Lafayette <sup>1</sup>	91	44	58.4	2.28	
Wahpeton	95	26	60.0	0.80		Richwood	86	85	60.7	4.18	Lagrange	84	32	56.9	1.54	
Willow City	95	25	60.4	0.00		Ripley	87	83	61.8	2.35	Lakeview	81	26	53.8	0.69	
Woodbridge	93	25	58.0	0.65		Rittman	83	30	56.4	5.79	Lone Rock	82	24	52.3	1.08	
Ohio.						Rock	.....	.....	3.05		McMinnville	88	34	55.7	2.40	
Akron	84	35	57.5	3.45		Rockyridge	87	82	57.2	4.91	Merlin <sup>1</sup>	86	32	50.4	0.88	
Annapolis	90	34	60.0	3.88		Rosewood	84	82	58.4	3.07	Monroe	82	34	56.0	2.38	
Ashland	83	34	57.4	5.45		Shenandoah	84	80	56.5	5.66	Mount Angel	87	39	56.0	2.59	
Ashtrabula	79	35	55.0	4.20		Sidney	89	85	61.5	3.48	Nehalem				5.08	
Atwater				3.95		Sinking Spring	89	85	62.1	3.45	Newberg	89	34	56.2	2.78	
Bangorville	88	32	59.5	5.34		Somerset	86	37	61.2	4.11	Newbridge	83	30	59.8	1.50	
Beifst.				3.95		Springfield	.....	.....	2.84		Newport	83	38	51.8	4.99	
Bellefontaine	81	38	58.0	2.99		Strougvile	.....	.....	5.14		Pendleton	90	33	60.2	1.42	
Bement				3.81		Swanton	.....	.....	5.85		Placer				1.50	
Benton Ridge	85	34	57.7	3.70		Thurman	90	89	62.2	8.30	Prineville	91	21	54.9	0.87	
Bethany	88	38	60.0	3.99		Tiffin	84	85	57.6	5.74	Riddle <sup>1</sup>	88	41	55.1	0.88	
Bigprairie	87	34	57.3	4.34		Upper Sandusky	87	84	59.0	3.40	Riverside	94	28	60.6	0.50	
Binola				5.53		Urbana	88	98	59.2	2.61	Salem <sup>b</sup>	88	47	58.6	1.70	
Bladensburg	88	30	58.1	2.67		Vanwert	86	83	57.3	6.68	Sheridan <sup>1</sup>	85	45	53.5	1.60	
Bloomington	88	35	59.8	3.98		Vermillion	85	83	58.5	3.16	Silverton <sup>1</sup>	90	48	59.2	2.50	
Bowling Green	85	30	56.7	4.91		Vickery	85	80	56.6	4.57	Siskiyou <sup>1</sup>	86	36	55.0	0.30	
Bucyrus	86	30	58.0	7.77		Walnut	.....	.....	3.67		Sparta	79	27	55.2	2.00	
Cambridge	85	33	60.3	4.51		Warren	88	82	58.5	4.89	Springfield <sup>1</sup>	78	42	55.6	5.44	
Camp Dennison	90	34	61.8	3.05		Warsaw	88	80	57.0	3.67	Stafford	88	36	55.4	3.42	
Canan				4.45		Wauseon	86	82	58.8	3.40	The Dalles	90	36	60.4	0.39	
Canal Dover	85	33	58.6	3.12		Waverly	90	87	62.8	4.05	Tillamook				2.01	
Canton	84	36	59.8	4.23		Waynesville	85	86	59.6	3.43	Toledo	89	33	51.8	4.67	
Cardington	85	27	58.4	3.94		Wellington	85	82	58.4	3.62	Umatilla				0.85	
Cedarville				3.81		Westerville	85	84	58.8	4.40	Vale	89	27	59.4	0.65	
Celina	85	35	58.3	4.79		Willoughby	82	33	58.0	2.44	Westfork <sup>1</sup>	93	45	60.5	0.74	
Chillicothe	89	36	61.9	4.77		Zanesville	82	33	58.0	4.32	Weston	83	29	56.2	1.69	
Circleville	86	36	60.8	4.95		Oklahoma.			3.30		Williams	82	27	55.5	1.07	
Clarksville	85	36	61.2	3.79		Arapaho	93	89	67.2	9.20	Pennsylvania.					
Cleveland <sup>a</sup>	82	38	56.5	5.46		Beaver	89	85	64.6	2.85	Aleppo	85	34	60.0	5.90	
Cleveland <sup>b</sup>	85	38	57.0	3.08		Blackburn	91	40	65.4	5.80	Altadena	86	34	58.0	5.85	
Coatlon	88	34	60.8	2.74		Burnett	92	43	67.8	6.45	Athens	85	33	57.6	5.14	
Colebrook	82	30	56.7 <sup>b</sup>	2.85		Clifton	93	40	67.8	3.21	Bellefonte	87	35	61.9	5.87	
Dayton <sup>a</sup>				3.04		Fort Reno	88	40	67.8	5.61	Bethlehem				4.86	
Dayton <sup>b</sup>	87	34	60.4	3.45		Fort Sill	94	44	68.8	4.98	Brookville				5.05	
Defiance	88	32	58.0	3.98		Hennessey	90	40	67.6	5.25	Browns Lock				4.58	
Delaware	86	31	58.8	4.15		Jefferson	90	38	65.0	2.49	Butler	84	33	58.5	5.43	
Demos	85	37	60.2	2.92		Jenkins	90	37	64.6	2.57	Cassandra	83	32	56.3	5.83	
Elyria	86	34	57.3	5.10		Keuton	85	24	60.2	3.03	Coatesville	84	33	60.0	5.80	
Findlay	89	35	59.5	4.65		Kingfisher	90	41	67.2	5.00	Confluence	88	30	56.6	6.83	
Frankfort	88	34	60.2	4.42		Mangu'n	92	52	69.2	12.35	Davis Island Dam				6.16	
Garrettville	83	28	56.4	3.81		Newkirk	87	44	67.8	4.54	Derry Station	87	37	62.0	7.26	
Granville	85	35	59.3	4.01		Norman	93	44	67.4	6.74	Dovestown				6.06	
Gratiot	84	38	59.6	3.86		Pawhuska	96	42	67.6	4.93	Driftwood				5.97	
Green	88	38	61.8	3.48		Perry	90	38	65.8	3.92	Duncannon				8.34	
Greenhill	82	30	57.0	4.08		Poar-h	80	40	67.1	9.59	Dushore	75	30	56.2	6.90	
Greenville	82	38	58.6	2.85		Prudence	91	39	66.4 <sup>b</sup>	5.98	East Bloomsburg				5.59	
Hanging Rock	90	39	58.4	2.85		Sac and Fox Agency	92	39	65.6	2.08	East Mauch Chunk	88	37	59.4	6.84	
Hedges	86	38	57.5	5.28		Stillwater	90	43	67.8	4.70	Easton	83	39	60.4	5.89	
Hillhouse	81	26	57.7	4.88		Taloga	93	43	68.8	6.15	Ellwood Junction				6.30	
Hillsboro	85	33	58.6	3.29		Texmo	.....	.....	7.33		Emporium	83	31	57.0	6.74	
Hiram	82	34	57.3	3.89		Vittum	90	44	68.6	4.30	Ephrata	86	40	60.5	3.94	
Hudson	86	30	57.9	4.20		Waukomis	93	41	67.2	5.68	Everett	89	35	58.6	5.80	
Jacksonboro	88	39	61.0	1.90		Woodward	98	40	67.6	4.06	Forks of Neshaminy <sup>1</sup>	80	38	58.5	5.88	
Lancaster	85	32	60.0	4.23		Oregon.					Franklin	88	31	57.4	4.00	
Leipsic	85			3.95		Albany <sup>a</sup>	82	45	58.8	1.80	Girardville				7.81	
Lima	85	34	57.8	3.55		Albany <sup>b</sup>	92	35	55.0	4.05	Grampian	84	34	59.7	3.51	
Lowell				4.71		Alpha	88	35	61.6	0.50	Green-boro				7.00	
McConnellsiville	87	33	60.8	5.81		Arlington	89	35	61.6	1.74	Hamburg				6.55	
Manara				3.71		Ashland <sup>b</sup>	82	30	56.2	1.74	Ha-linton	81	31	55.0	7.96	
Mansfield				7.18		Aurora <sup>a</sup>	87	43	59.0	2.17	Herr's Island Dam				5.61	
Marletta	86	41	62.9	4.42		Aurora <sup>b</sup>	87	34	55.8	3.92	Huntingdon <sup>a</sup>	90	34	60.8	5.45	
Marion	87	33	60.1	6.24		Bay City	77	31	58.4	6.38	Huntingdon <sup>b</sup>				5.19	
Medina	88	33	58.0	5.74		Bend	80	22	50.6	1.44	Irwin				4.84	
Millerton	83	30	58.5	4.06		Beulah	98	35	57.7	1.44	Johnstown	90	37	61.4	6.45	
Millikan	86	32	59.2	3.78		Bialook	98	38	68.8	0.89	Keating				4.74	
Millport	83	30	58.1	3.09		Brownsville <sup>1</sup>	90	44	56.3	2.44	Kennett Square	81	39	60.0	8.63	
Montpelier	85	34	57.1	3.82		Bullrun	88	38	53.2	4.35	Lansdale					

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	Stations	Temperature. (Fahrenheit.)			Precipita- tion.	Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			
	Maximum.	Minimum.	Mean.			Rain and melted snow.	Total depth of snow.	Maximum.			Minimum.	Mean.	Rain and melted snow.	Total depth of snow.			
<i>Pennsylvania—Cont'd.</i>				<i>Ins.</i>	<i>Ins.</i>												
Oil City	°	°	°	5.14													
Ottsville				4.88													
Parker				5.25													
Philadelphia	84	48	61.1	4.71													
Point Pleasant				5.59													
Pottstown	81	47	61.2	5.05													
Quakertown	84	36	59.2	4.86													
Reading <sup>2</sup>	84		60.7	3.98													
Renovo <sup>a</sup>				5.46													
Renovo <sup>b</sup>	87	37	59.9	5.89													
Saegerstown	83	30	55.1	4.62													
St. Marys	80	35	55.4	6.93													
Seisholtsville				4.96													
Selinsgrove	84	37	60.8	7.73													
Shawmont				4.02													
Shinglehouse	87	31	56.2	5.18													
Smethport	79	28	54.4	5.18													
Smiths Corners				5.46													
Somerset	83	33	56.8	7.28													
South Eaton	88	37	58.2	6.70													
State College	84	38	58.7	6.14													
Swarthmore	83	40	60.1	8.88													
Towanda	85	34	57.4	7.58													
Troutrun				8.80													
Uniontown	84	40	60.0	6.25													
Warren	83	39	54.8	3.66													
Wellsboro	86	33	57.5	4.23													
Westchester	83	42	59.7	4.61													
West Newton				4.60													
Westtown	82	38	58.7	3.16													
Wilkesbarre	88	39	59.3	5.36													
Williamsport	85	46	61.6	6.34													
York	91	39	61.2	2.55													
<i>Rhode Island.</i>																	
Bristol	75	40	54.2	7.14													
Kingston	81	35	58.3	6.98													
Pawtucket	82	44	58.8	6.61													
Providencea	85	42	57.9	6.85													
Providence	81	38	54.8	6.95													
<i>South Carolina.</i>																	
Allendale	94	52	73.4	9.05													
Batesburg	96	48	71.6	5.94													
Beaufort	94	56	73.8	2.17													
Blackville	96	51	73.3	7.42													
Calhoun Falls				9.17													
Camden				6.28													
Cheraw <sup>a</sup>	93	51	70.6	10.19													
Cheraw <sup>b</sup>				10.10													
Clemson College	98	44	68.8	7.16													
Conway				8.02													
Darlington				9.02													
Edisto				8.15													
Effingham				7.08													
Florence	98	52	73.4	8.36													
Gaffney				5.14													
Georgetown	94	55	71.6	7.50													
Gillisonville	99	46	73.4	5.40													
Greenville	90	44	66.9	7.48													
Greenwood	95	40	70.8	8.31													
Kingtree <sup>a</sup>	91	47	70.9	5.26													
Kingtree <sup>b</sup>				5.41													
Liberty	94	44	65.9	5.46													
Little Mountain	95	48	71.9	6.31													
Longshore	95	46	71.0	4.08													
McCall	98	52	72.0	9.38													
Pinopolis <sup>a</sup>	90	53	71.8	5.69													
St. Georges	94	51	72.8	5.55													
St. Matthews	93	52	72.8	5.77													
St. Stephens	97			6.69													
Santuck	97	48	70.4	5.46													
Shaws Fork				8.63													
Smiths Mills				9.97													
Society Hill	93	54	71.8	10.50													
Spartanburg	94	46	70.0	9.47													
Statesboro	93	50	73.9	9.42													
Summerville	93	51	72.2	4.93													
Temperance	99	52	73.0	11.69													
Trenton	90	58	73.6	5.88													
Trial	91	46	69.6	6.70													
Walhalla	98	43	67.3	5.36													
Winnsboro	91	48	71.0	12.09													
Winthrop College	98	49	69.7	13.08													
Yemassee	94	50	74.0	3.56													
Yorkville	96	49	71.7	8.03													
<i>South Dakota.</i>																	
Aberdeen	95	22	61.5	1.00													
Academy	91	32	61.4	1.89													
Alexandria	98	28	60.2	2.70													
Armour				1.19													
Ashcroft	98	20	63.6	0.19													
Badinian	98	26	63.8	0.53													
Bowdle	92	24	59.2	0.63													
Brookings	87	25	57.0	1.80													
Bulkeley	90	29	60.8	0.73													
Canton	89	29	59.0	3.10													
Centerville				3.64													
<i>Tennessee.</i>																	
Chamberlain	93	35	65.1	1.33													
Clark	93	25	58.4 <sup>d</sup>	2.41													
Desmet	93	29	58.6	2.50													
Doland	93	33	58.4	2.86													
Elkpoint	93	33	62.0	2.39													
Farmingdale				1.16													
Faulkton	94	34	60.4	1.17													
Flandreau	89	27	58.2	1.03													
Forestburg	93	26	60.8	1.95													
Fort Meade	91	32	61.8	2.83													
Fort Randall	97 <sup>c</sup>	34 <sup>c</sup>	62.8 <sup>c</sup>	1.83													
Gannvalley				2.47													
Gary	93	27	58.2	1.14													
Grand River School	96	24	62.3	0.21					</td								

TABLE II.—*Climatological record of voluntary and other cooperating observers*—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			Stations.	Temperature. (Fahrenheit.)			Precipita- tion.			Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.			Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.			Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	
Utah—Cont'd.	c	o	c	Ins.	0.28	Ins.	Virginia—Cont'd.	c	o	o	Ins.	o	Ins.	West Virginia—Cont'd.	o	o	o	Ins.	Ins.	Ins.
Bluecreek	86	27	56.8	.....	0.28	Ins.	Spottsville	89	40	65.5	4.21	85	34	59.6	6.00	.....	.....	.....	.....	
Castledale	86	27	56.8	.....	0.28	.....	Stanardsville	86	40	62.8	9.90	95	35	62.6	4.28	.....	.....	.....	.....	
Cisco	88	38	68.4	0.58	.....	.....	Staunton	91	39	63.0	7.88	88	32	61.6	5.74	.....	.....	.....	.....	
Corinne	96	34	64.4	1.88	.....	.....	Stephens City	88	40	62.2	6.11	86	31	63.3	5.11	.....	.....	.....	.....	
Deseret	89	33	61.0	1.90	.....	.....	Warsaw	87	42	65.2	2.44	87	40	61.3	8.35	.....	.....	.....	.....	
Emery	87	29	57.4	T.	.....	.....	Westpoint	86	40	62.2	.....	85	39	61.6	6.10	.....	.....	.....	.....	
Farmington	89	38	62.2	4.77	.....	.....	Williamsburg	86	44	64.8	4.89	88	34	61.0	5.30	.....	.....	.....	.....	
Fillmore	94	34	63.2	1.92	.....	.....	Woodstock	88	39	60.2	5.44	90	37	63.2	5.07	.....	.....	.....	.....	
Fort Duchesne	89	34	60.4	0.60	.....	.....	Wytheville	89	39	60.7	9.08	85	43	62.5	7.98	.....	.....	.....	.....	
Frisco	85	33	59.2	1.42	.....	.....	Washington	.....	.....	.....	.....	90	31	62.5	8.88	.....	.....	.....	.....	
Giles	89	33	64.4	0.44	.....	.....	Aberdeen	83	29	49.4	4.25	91	39	63.0	2.50	.....	.....	.....	.....	
Government Creek	86	31	59.2	2.70	.....	.....	Anacortes	.....	.....	.....	.....	84	30	59.4	2.50	.....	.....	.....	.....	
Green River	98	38	68.0	0.73	0.5	.....	Ashford	87	38	55.4	4.80	90	41	63.1	5.84	.....	.....	.....	.....	
Grover	88	38	57.0	0.68	.....	.....	Bremerton	97	34	62.4	2.07	92	36	63.5	6.46	.....	.....	.....	.....	
Heber	86	28	56.2	1.72	.....	.....	Bridgeport	97	38	55.2	0.55	84	34	61.0	15.88	.....	.....	.....	.....	
Henefer	84	28	54.9	2.07	.....	.....	Brinon	88	38	55.2	2.88	93	35	63.3	6.34	.....	.....	.....	.....	
Hite	98	46	73.0	.....	.....	.....	Buchanan's Farm	.....	.....	.....	.....	90	31	62.5	8.88	.....	.....	.....	.....	
Huntsville	.....	.....	.....	2.20	.....	.....	Cedonia	83	31	55.1	2.08	91	39	63.0	2.50	.....	.....	.....	.....	
Keeton	.....	.....	.....	0.28	12.0	.....	Centerville	87	30	58.8	1.11	83	26	55.7	.....	.....	.....	.....	.....	.....
Lasal	80	31	56.0	1.68	.....	.....	Cheney	.....	.....	.....	.....	93	37	63.3	5.09	.....	.....	.....	.....	
Levan	85	33	59.2	1.74	.....	.....	Clearwater	80	32	50.8	8.68	84	34	60.8	5.46	.....	.....	.....	.....	
Loa	79	15	49.4	0.10	.....	.....	Cle Elum	88	27	52.2	0.59	94	34	61.0	15.88	.....	.....	.....	.....	
Logan	84	34	60.6	2.43	.....	.....	Colfax	90	31	58.1	1.53	88	35	63.3	6.34	.....	.....	.....	.....	
Manti	85	31	57.6	1.00	.....	.....	Colville	90	26	55.9	0.95	92	44	62.2	5.50	.....	.....	.....	.....	
Maryvale	85	27	56.3	0.54	.....	.....	Conconully	88	30	55.5	1.69	90	43	64.0	8.83	.....	.....	.....	.....	
Meadowville	80	30	54.0	1.92	.....	.....	Connell	.....	.....	.....	.....	85	40	61.6	4.70	.....	.....	.....	.....	
Millville	.....	.....	.....	2.39	.....	.....	Coopeville	78	37	52.6	0.85	90	31	62.5	8.88	.....	.....	.....	.....	
Minersville	89	36	60.2	1.05	.....	.....	Crescent	86	27	55.4	0.98	83	26	55.7	.....	.....	.....	.....	.....	.....
Moab	94	38	66.6	1.19	.....	.....	Dayton	85	30	58.0	1.18	84	36	60.1	2.17	.....	.....	.....	.....	
Mount Pleasant	85	32	56.9	0.58	1.0	.....	Ellensburg	88	28	54.8	0.88	86	31	54.4	1.40	.....	.....	.....	.....	
Ogden a*1	90	45	62.2	2.36	1.0	.....	Ellensburg (near)	90	28	56.7	0.80	90	37	58.8	2.73	.....	.....	.....	.....	
Park City	75	32	52.7	1.50	1.0	.....	Grandmound	86	31	54.4	2.46	88	30	58.0	8.14	.....	.....	.....	.....	
Parowan	88	30	57.6	0.88	1.0	.....	Granite Falls	.....	.....	.....	.....	89	34	58.2	3.54	.....	.....	.....	.....	
Pinto	88	28	58.4	0.85	1.0	.....	Hooper	91	33	60.8	0.51	89	30	58.9	2.14	.....	.....	.....	.....	
Promontory*	80	46	62.8	.....	1.0	.....	Ilwaco	82	37	58.1	4.88	91	35	60.2	2.26	.....	.....	.....	.....	
Provo	89	35	61.0	0.89	1.0	.....	Issaquah	.....	.....	.....	.....	80	25	52.4	3.51	1.0	.....	.....	.....	
Richfield	75	25	50.9	0.10	1.0	.....	Lacenter	92	35	55.9	3.25	85	24	53.4	1.42	.....	.....	.....	.....	
St. George	96	36	65.4	0.18	1.0	.....	Lakeside	88	34	59.2	1.76	86	31	55.4	1.40	.....	.....	.....	.....	
Scipio	90	24	57.4	0.88	1.0	.....	Lind	99	31	60.4	0.91	90	37	57.8	2.41	.....	.....	.....	.....	
Smithville	.....	.....	.....	T.	.....	.....	Loomis	85	42	68.5	.....	89	34	58.2	3.54	.....	.....	.....	.....	
Snowville	86	29	57.4	0.73	1.0	.....	Mayfield	85	32	49.4	3.34	88	32	58.8	2.75	.....	.....	.....	.....	
Soldier Summit	90	20	52.9	0.21	1.0	.....	Monte Cristo	85	28	48.6	4.71	89	30	58.9	2.14	.....	.....	.....	.....	
Terrace	95	30	59.2	0.88	1.0	.....	Mottingler Ranch	89	32	62.8	1.50	91	35	57.4	2.96	.....	.....	.....	.....	
Tooele	87	39	61.0	3.71	1.0	.....	Mount Pleasant	87	34	55.4	3.23	88	24	56.0	1.07	.....	.....	.....	.....	
Tropic	88	19	63.1	0.78	1.0	.....	Moxee Valley	89	31	58.4	1.15	88	25	52.6	1.70	.....	.....	.....	.....	
Vernal	90	33	60.8	0.86	1.0	.....	Northport	96	38	60.0	1.75	87	28	57.9	0.48	.....	.....	.....	.....	
Wellington	91	30	59.4	0.37	1.0	.....	Oiga	75	36	53.4	1.49	84	37	57.8	2.41	.....	.....	.....	.....	
Vermont	.....	.....	.....	.....	.....	.....	Olympia	89	30	54.7	2.06	86	30	56.6	1.18	.....	.....	.....	.....	
Bennington	84	23	57.6	4.41	.....	.....	Pasco	98	40	66.0	1.03	85	33	57.4	2.96	.....	.....	.....	.....	
Burlington	80	40	58.4	3.98	.....	.....	Pinehill	90	33	58.2	0.35	88	30	58.8	2.73	.....	.....	.....	.....	
Chelsea	81	30	52.5	4.59	.....	.....	Port Townsend	77	38	53.2	0.60	82	25	52.6	1.70	.....	.....	.....	.....	
Cornwall	83	34	55.6	4.10	.....	.....	Puiman	86	35	56.4	1.47	87	28	57.9	0.48	.....	.....	.....	.....	
Eknoburg Falls	88	26	55.2	2.88	.....	.....	Republic	81	24	53.4	2.43	84	34	58.0	1.80	.....	.....	.....	.....	
Hartland	85	30	54.3	6.63	.....	.....	Renton	.....	.....	.....	.....	92	32	57.8	2.75	.....	.....	.....	.....	
Jacksonville	83	27	56.5	5.94	.....	.....	Ritzville	.....	.....	.....	.....	89	30	56.6	1.59	.....	.....	.....	.....	
Manchester	81	23	54.0	5.00	.....	.....	Rosalia	88	31	55.4	1.44	86	30	56.0	3.92	.....	.....	.....	.....	
Norwich	86	26	56.0	6.25	.....	.....	Sedro	85	29	54.6	3.49	87	31	56.4	2.87	.....	.....	.....	.....	
St. Johnsbury	88	30	55.8	8.40	.....	.....	Silvana	81	31	58.2	1.86	81	24	54.0	1.88	.....	.....	.....	.....	
Vernon *6	83	42	55.9	4.66	.....	.....	Snohomish	89	31	54.2	2.00	90	31	51.3	2.47	.....	.....	.....	.....	
Wells	80	31	54.1	8.14	.....	.....	Snoqualmie	89	32	55.1	2.79	87	37	52.5	1.88	.....	.....	.....	.....	
Woodstock	83	29	51.8	6.64	.....	.....	Southbound	88	31	51.5	4.16	89	36	59.8	1.11	.....	.....	.....	.....	
Virginia	.....	.....	.....	.....	.....	.....	Sprague	.....	.....	.....	.....	88	36	59.4	2.09	.....	.....	.....	.....	
Alexandria	85	43	64.0	2.20	.....	.....	Stampede	.....	.....	.....	.....	90	32	59.8	1.50	.....	.....	.....	.....	
Ashland	80	45	66.4	6.46	.....	.....	Sunnyside	90	32	69.2	0.81	88	36	57.0	2.60	.....	.....	.....	.....	
Barboursville	89 <sup>a</sup>	44 <sup>a</sup>	64.2 <sup>a</sup>	10.28	.....	.....	Twin	75	32	58.2	3.96	91	34	60.0	2.59	.....	.....	.....	.....	
Bedford	91	44	66.1	4.93	.....	.....	Union	89	32	54.0	3.51	87	32	58.2	3.14	.....	.....	.....	.....	
Bigstone Gap	89	39	62.5	5.80	.....	.....	Vancouver	86	38	56.0	2.29	87	32	57.8	3.56	.....	.....	.....	.....	
Birdsnest <sup>2</sup>	86	34	58.7	6.71	.....	.....	Vashon	78	36	58.5	2.84	88	37	52.4	1.78	.....	.....	.....	.....	
Blacksburg	86	48	64.4	4.19	.....	.....	Waterville	87	31	54.3	1.46	86	31	54.4	2.02	.....	.....	.....	.....	
Bon Air	82	48	64.4	4.19	.....	.....	Wenatchee (near)	89	31	55.9	1.93	89	34	60.0	2.59	.....	.....	.....	.....	
Buckingham	95	36	64.4	6.47	.....	.....	Whatcom	74	33	53.0	2.59	87	30	57.0	1.68	.....	.....	.....	.....	
Burkes Garden	82	31	56.6	9.88	.....	.....	Wilbur	89	29	53.8	1.04	85	36	55.7	1.88	.....	.....	.....	.....	
Callaway	88	44	66.4	7.08	.....	.....	West Virginia	.....	.....	.....	.....	88	32	57.6	2.88	.....	.....	.....	.....	
Charlottesville	90	47	64.2	7.66	.....	.....	Beckley	81	38	60.8	4.19	84	31	59.1	2.50	.....	.....	.....	.....	
Clarksville	.....	.....	.....	6.27	.....	.....	Beverly	96	30	61.1	5.50	86	31	59.1	2.50	.....	.....	.....	.....	
Cliftonforge	86	32	59.4	5.65	.....	.....	Bluefield	85	39</											

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Wyoming—Cont'd.</i>						<i>Porto Rico—Cont'd.</i>						<i>North Carolina.</i>					
Embar.....	98	30	60.6	2.00	Ins.	Hacienda Amistad.....	93	64	79.4	6.30	Ins.	Horsecove.....	78	26	47.6	Ins.	0.4
Evanston.....	95	25	50.4	1.97		Hacienda Coloso.....	97	65	79.6	13.61		Ohio.....	87	23	43.2	.....	
Fort Laramie.....	88	30	60.2	4.29		Hacienda Perla.....	92	69	80.0	17.64		Big Prairie.....	.....	.....	.....	.....	
Fort Washakie.....	90	33	56.5	2.90		Humacao.....	88	65	77.8	14.55		Pennsylvania.....	.....	.....	.....	.....	
Fort Yellowstone.....	78	29	52.2	2.72		Isabela.....	90	68	78.6	7.64		Greensboro.....	80	.....	.....	7.09	2.0
Fourbear.....	78	25	50.6	3.69		Juana Diaz.....	92	60	79.2	5.44		Pottstown.....	.....	.....	.....	4.84	
Griggs.....	91	28	55.2	4.81		La Isolina.....	90	65	76.8	28.05		Texas.....	.....	.....	.....	.....	
Hya tville.....	91	32	60.8	.....		Manati.....	95	63	79.9	8.18		Camp Eagle Pass.....	96	37	69.3	6.45	
Iron Mountain.....	80	30	54.6	1.75		Mannabo.....	91	73	78.6	18.85		Fort Brown.....	93	48	70.2	0.00	
Laramie.....	74	29	49.8	3.00		Mayaguez.....	94	67	80.0	11.87		San Marcos.....	88	57	65.6	0.60	
Leo.....	84	27	52.4	2.65		Morovis.....	93	64	78.3	14.51		San Saba.....	92	32	64.6	0.60	
Lusk.....	85	27	55.8	2.98		Ponce.....	92	57	76.6	1.35		Vulentine.....	92	80	61.8	T.	
Myersville.....	88	29	59.0	1.01		San German.....	97	67	81.6	5.98		Virginia.....	.....	.....	.....	.....	
Parkman.....	90	30	57.8	3.28		San Lorenzo.....	95	65	79.4	6.15		Westpoint.....	79	32	49.4	5.90	
Pinebluff.....	84	30	56.5	1.84		Santurce.....	.....	.....	4.97			West Virginia.....	.....	.....	.....	.....	
Rawlins.....	82	29	53.6	2.76		Utuado.....	93	65	79.4	17.91		Parsons.....	80	20	45.0	2.50	10.0
Saratoga.....	88	29	55.4	1.93		Vieques.....	91	69	82.0	7.50		Wisconsin.....	.....	.....	.....	.....	
Sheridan.....	90	28	56.6	3.42		Yacuco.....	88	69	79.8	3.78		Westbend.....	86	24	46.9	.....	
South Pass City.....	88	30	52.2	2.55		<i>Mexico.</i>	.....	.....	.....			Wyoming.....	80	17	44.8	0.07	.....
Thayne.....	81	29	53.0	2.51		Cludad P. Diaz.....	97	58	77.8	2.40		Hyattville.....	.....	.....	.....	.....	
Thermopolis.....	95	35	60.5	2.84		Coatzacoalcos.....	101	50	81.0	2.10		Nicaragua.....	.....	.....	.....	.....	
Wheatland.....	85	33	59.7	2.95		Leon de Aldamas.....	92	50	71.3	0.01		Rivas.....	96	78	85.9	0.02	
<i>Cuba.</i>						Puebla.....	84	49	68.7	1.98							
Aguacate.....	96	50	81.9	8.89		Tampico.....	93	68	80.8	1.71							
Alvarez.....	.....	.....	.....	11.21		Vera Cruz.....	97	68	82.2	T.							
Anstralia.....	97	54	79.3	10.08		<i>New Brunswick.</i>	.....	.....	.....								
Banaguises.....	92	51	74.5	15.87		St. John.....	69	38	49.4	3.94							
Batasano.....	96	56	77.8	7.17		<i>Isthmus of Panama.</i>	.....	.....	.....								
Camajuaní.....	96	55	76.2	6.78		Alhajuela.....	91	70	77.9	15.87							
Cruces.....	96	55	77.7	7.90		La Boca.....	88	78	80.2	7.01							
Gibara.....	96	55	77.7	10.47		<i>Late reports for April, 1901.</i>	.....	.....	.....								
Guabairo.....	.....	.....	.....	7.87		<i>Alaska.</i>	.....	.....	.....								
Guana jay.....	89	61	76.5	14.22		Coal Harbor.....	50	12	31.9	3.54							
Guantanam o.....	93	61	78.7	8.95		Fort Lisom.....	50	19	31.6	6.20							
Guines.....	93	62	77.0	9.81		Kenai.....	51	10	38.0	0.85							
Holguín.....	100	59	79.7	5.97		Sitka.....	58	27	44.6	7.17							
Isabel, Guantanam o.....	.....	.....	.....	4.66		<i>Arizona.</i>	.....	.....	.....								
Los Canos.....	95	56	77.4	7.05		Fort Apache.....	.....	.....	0.20								
Matanzas.....	95	53	72.8	20.27		Wilcox.....	85	35	62.0	0.00							
Moron Trocha.....	95	58	76.6	5.18		Drytown.....	82	28	54.2	.....							
Nuevitas.....	98 <sup>1</sup>	69 <sup>1</sup>	83.0 <sup>1</sup>	4.76 <sup>1</sup>		Glenora.....	.....	.....	1.59								
Pinar del Rio.....	90	57	77.9	15.24		Federal Point.....	87	41	62.9	1.11							
Romelle, Guantanam o.....	.....	.....	.....	7.80		Illinois.....	.....	.....	.....								
San Cetano.....	95	55	75.8	9.00		Albion.....	86	30	51.4	3.10							
Sancti Sp ritus.....	89	60	75.4	14.21		Columbus.....	86	27	53.8	2.94							
Santa Clara.....	98	50	76.4	3.81		Massachusetts.....	.....	.....	.....								
Santa Cruz del Sur.....	87	58	76.4	2.18		Sterling.....	.....	.....	10.08								
Soledad.....	90	58	76.6	6.08		Missouri.....	.....	.....	.....								
Soledad, Guantanam o.....	92	56	77.2	18.01		Galena.....	.....	.....	2.47								
Union de R yesa.....	92	60	78.4	11.60		Los Vegas.....	98	29	61.4	.....							
Yaguajay.....	98	58	79.2	7.04		To no <sup>1</sup> .....	72	19	42.0	0.00							
<i>Porto Rico.</i>	.....	.....	.....	8.89		Claremont.....	87	27	46.6	3.91							
Adjuntas.....	87	.....	.....	.....		Stratford.....	85	21	45.9	2.42							
Aguadilla.....	96	68	81.0	12.00		Cidra.....	.....	.....	.....								
Au irre <sup>1</sup> .....	92	68	81.0	2.47		Coamo.....	91	61	76.8	4.69							
Arecibo.....	91	67	78.2	8.25		Cerro Mero.....	91	63	78.1	8.47							
Barros.....	61	61	74.0	15.09		Corozal.....	94	62	78.4	11.90							
Bayamon.....	96	65	80.4	13.22		Fajardo.....	93	70	81.5	7.18							
Caguas.....	90	61	77.5	5.84		Nunda.....	88	25	44.4	6.97	28.0						
Canovanas.....	97	71	81.4	4.34													
Cayey.....	95	62	78.0	5.50													
Cidra.....	91	61	76.8	4.69													
Coamo.....	95	63	79.2	7.39													
Cerro Mero.....	91	63	78.1	8.47													
Corozal.....	94	62	78.4	11.90													
Fajardo.....	93	70	81.5	7.18													

## EXPLANATION OF SIGNS.

• Extremes of temperature from observed readings of dry thermometer.

° Numerals following the name of a station indicates the hour of observation from which the mean temperature was obtained, thus:

<sup>1</sup> Mean of 7 a. m. + 2 p. m. + 9 p. m. + 4.

<sup>2</sup> Mean of 8 a. m. + 8 p. m. + 2.

<sup>3</sup> Mean of 7 a. m. + 7 p. m. + 2.

<sup>4</sup> Mean of 6 a. m. + 6 p. m. + 2.

<sup>5</sup> Mean of 7 a. m. + 2 p. m. + 2.

<sup>6</sup> Mean of readings at various hours reduced to true daily mean by special tables.

<sup>7</sup> Mean from hourly readings of thermograph.

<sup>8</sup> Mean of sunrise and noon.

<sup>9</sup> Mean of sunrise, noon, sunset, and midnight.

The absence of a numeral indicates that the mean temperature has been obtained from daily readings of the maximum and minimum thermometers.

An italic letter following the name of a station, as "Livingston *a*," "Livingston *b*," indicates that two or more observers, as the case may be, are reporting from the same station. A small roman letter following the name of a station, or in figure columns, indicates the number of days missing from the record; for instance "n<sub>1</sub>" denotes 14 days missing.

No note is made of breaks in the continuity of temperature records when the same do not exceed two days. All known breaks, of whatever duration, in the precipitation record receive appropriate notice.

## CORRECTIONS.

April, 1901, page 194, under head of "Late reports for March," strike out all data for Sitka, Alaska, and enter 46, 17, 36.8, 7.80, 2.0.

April, 1901, New Mexico, Las Vegas Hot Springs, should read Las Vegas.

Norz.—The following changes have been made in the names of stations: Missouri, Wylie, changed to Dean.

TABLE III.—Resultant winds from observations at 8 a. m. and 8 p. m., daily, during the month of May, 1901.

\* From observations at 8 p. m. only.

<sup>t</sup> From observations at 8 a. m. only.

TABLE IV.—*Thunderstorms and auroras, May, 1901.*

TABLE V.—Accumulated amounts of precipitation for each 5 minutes, for storms in which the rate of fall equaled or exceeded 0.25 in any 5 minutes, or 0.75 in 1 hour during May, 1901, at all stations furnished with self-registering gages.

Stations.	Date.	Total duration.		Total sum of precipi- tation.	Excessive rate.		Amount to date exceed- ing previous begin.	Depths of precipitation (in inches) during periods of time indicated.														
		From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.	
Albany, N. Y.	1	2	3	4	5	6	7												0.36			
Alpena, Mich.	23-24			1.15															0.22			
Atlanta, Ga.	20-21	9.55 p.m.	1.03 p.m.	4.94	8.40 a.m.	9.50 a.m.	3.62	0.08	0.23	0.31	0.36	0.41	0.48	0.61	0.83	0.91	0.98	1.07	1.24			
Atlantic City, N. J.	10			0.69															0.45			
Baltimore, Md.	24-25	10.15 p.m.	D. N.	0.63	10.25 p.m.	10.40 p.m.	0.01	0.11	0.30	0.47	0.48											
Binghamton, N. Y.	24	8.14 p.m.	4.49 p.m.	0.56	8.43 p.m.	3.51 p.m.	T.	0.38	0.47	0.50												
Bismarck, N. Dak.	3			0.04																		
Boise, Idaho	1-2			0.21															0.08			
Boston, Mass.	24			0.76															0.82			
Buffalo, N. Y.	2			0.48															0.25			
Cairo, Ill.	18-19			1.12															0.47			
Charleston, S. C.	23	8.26 p.m.	D. N.	0.73	8.35 p.m.	9.05 p.m.	T.	0.04	0.09	0.23	0.39	0.56	0.63	0.65					0.45			
Chicago, Ill.	6			0.99															0.13			
Cincinnati, Ohio	20-21			0.67															0.16			
Cleveland, Ohio	27-28			1.05															0.10			
Columbia, Mo.	18-19			0.19																		
Columbus, Ohio	7	8.20 p.m.	3.47 p.m.	0.53	3.25 p.m.	3.40 p.m.	T.	0.09	0.24	0.53									0.20			
Denver, Colo.	4			0.29															0.19			
Des Moines, Iowa	4			0.46															0.23			
Detroit, Mich.	23-24			0.47															0.55			
Dodge, Kans.	15			0.93															*			
Duluth, Minn.	22			0.55																		
Eastport, Me.	12			0.29															0.54			
Erie, Pa.	25-26			0.67															0.15			
Escanaba, Mich.	21-22			0.80															0.28			
Evansville, Ind.	6			0.16																		
Fort Worth, Tex.	16-17	8.35 p.m.	8.50 a.m.	1.43	8.40 p.m.	9.00 p.m.	0.03	0.06	0.15	0.32	0.53	0.55							*			
Fresno, Cal.	1-2			0.26																		
Galveston, Tex.	20			0.39															0.83			
Grand Junction, Colo.	15			0.25															0.21			
Harrisburg, Pa.	24	6.10 p.m.	7.25 p.m.	0.81	6.40 p.m.	7.10 p.m.	0.08	0.21	0.34	0.43	0.55	0.67	0.74	0.77	0.78				0.10			
Hatteras, N. C.	Do.	28-29	9.30 p.m.	D. N.	1.01	10.28 p.m.	11.02 p.m.	T.	0.18	0.30	0.41	0.52	0.67	0.72	0.76				0.55			
Huron, S. Dak.	5-6	9.50 p.m.	11.30 p.m.	0.86	9.50 p.m.	10.20 p.m.	0.00	0.12	0.40	0.53	0.59	0.69	0.88	0.87	0.89							
Indianapolis, Ind.	6			0.68																		
Jacksonville, Fla.	21	1.45 p.m.	8.30 p.m.	1.04	3.18 p.m.	3.40 p.m.	0.28	0.16	0.37	0.49	0.58	0.60	0.63	0.66								
Jupiter, Fla.	21	8.40 a.m.	1.40 p.m.	1.44	11.10 a.m.	12.05 p.m.	0.01	0.11	0.19	0.23	0.39	0.43	0.47	0.54	0.65	0.77	0.86	0.91				
Kalispell, Mont.	19			0.69															0.29			
Kansas City, Mo.	4			0.20															0.19			
Key West, Fla.	20-21	4.04 p.m.	9.50 a.m.	1.73	3.50 a.m.	4.05 a.m.	0.38	0.20	0.45	0.58	0.62								0.50			
Knoxville, Tenn.	20-21			2.14															0.29			
Lexington, Ky.	20-21			1.34															0.26			
Lincoln, Nebr.	4-5	12.51 p.m.	D. N.	1.52	10.10 p.m.	10.45 p.m.	0.70	0.06	0.09	0.15	0.40	0.60	0.69	0.73	0.75				0.40			
Little Rock, Ark.	24			0.26															0.26			
Los Angeles, Cal.	1			0.79																		
Louisville, Ky.	24			0.47																		
Macon, Ga.	20	1.05 p.m.	2.25 p.m.	0.82	1.15 p.m.	1.35 p.m.	0.01	0.11	0.33	0.58	0.65	0.68	0.71	0.73	0.75							
Memphis, Tenn.	24	12.45 p.m.	2.15 p.m.	0.63	12.53 p.m.	1.05 p.m.	T.	0.31	0.50	0.55	0.57											
Meridian, Miss.	31	D. N.	11.10 a.m.	1.99	2.00 a.m.	2.30 a.m.	0.01	0.13	0.23	0.39	0.53	0.59	0.75	0.76	0.81	0.89	0.96	1.03				
Milwaukee, Wis.	21-22			0.77															0.19			
Montgomery, Ala.	25	4.10 p.m.	5.30 p.m.	0.93	4.11 p.m.	4.50 p.m.	T.	0.08	0.15	0.22	0.43	0.57	0.71	0.80	0.91							
Do.	31	2.30 a.m.	12.20 p.m.	2.89	5.25 a.m.	5.45 a.m.	0.35	0.25	0.58	0.75	0.81	0.84										
Nantucket, Mass.	27			0.66																0.39		
Nashville, Tenn.	18-19			2.43																0.48		
New Haven, Conn.	10			1.84																0.50		
New Orleans, La.	31	12.32 p.m.	1.25 p.m.	0.76	13.40 p.m.	1.00 p.m.	0.03	0.06	0.26	0.43	0.53	0.54	0.56	0.65	0.74							
New York, N. Y.	26-27			1.57															0.40			
Norfolk, Va.	26-27			0.86															0.28			
Northfield, Vt.	17-18			0.95															0.19			
Oklahoma, Okla.	15-16			1.20															0.54			
Omaha, Nebr.	4-5			1.36															0.32			
Parkersburg, W. Va.	21-22			1.30															0.38			
Philadelphia, Pa.	10			1.81															0.65			
Pittsburg, Pa.	2	7.55 p.m.	11.00 p.m.	0.60	9.20 p.m.	9.30 p.m.	T.	0.84	0.42	0.45	0.46	0.46	0.46	0.50	0.56							
Pocatello, Idaho	2-3			0.53															0.09			
Portland, Me.	10-11			2.05															0.62			
Portland, Oreg.	23			0.28																		
Pueblo, Colo.	24-25			1.14															0.55			
Raleigh, N. C.	25	8.05 p.m.	11.45 p.m.	1.51	8.15 p.m.	8.55 p.m.	T.	0.18	0.48	0.75	0.88	1.00	1.08	1.12	1.19	1.21						
Richmond, Va.	8			1.26															0.52			
Rochester, N. Y.	28-29			0.31															0.16			
St. Louis, Mo.	18			0.93															0.56			
St. Paul, Minn.	6			0.43															0.33			
Salt Lake City, Utah	2-4			4.08															0.88			
San Diego, Cal.	1			0.19															0.18			
Sandusky, Ohio	20-21			0.82															0.14			
San Francisco, Cal.	20-21			0.46															0.66			
Savannah, Ga.	21			1.00															0.18			
Seattle, Wash.	15-16			0.98															0.10			
Spokane, Wash.	16-17			0.43																		
Springfield, Ill.	5	5.45 p.m.	8.15 p.m.	1.06	6.20 p.m.	6.45 p.m.	T.	0.18	0.49	0.68	0.89	0.95	0.99	1.02				2.16				
Tampa, Fla.	24	2.20																				

TABLE V.—*Accumulated amounts of precipitation for each 5 minutes, etc.*—Continued.

• Self register not working. † Gage overflowed at 3:57 p. m.; estimated that 2.16 inches fell in 1 hour.

TABLE VI.—*Data furnished by the Canadian Meteorological Service, May, 1901.*

TABLE VII.—Heights of rivers referred to zeros of gages, May, 1901.

Stations.	Distance to mouth of river.	Danger line on gage.	Highest water.		Lowest water.		Mean stage. Monthly range.	Stations.	Distance to mouth of river.	Danger line on gage.	Highest water.		Lowest water.		Mean stage. Monthly range.	
			Height.	Date.	Height.	Date.					Height.	Date.	Height.	Date.		
			Feet.		Feet.		Feet.				Feet.		Feet.		Feet.	
<i>Mississippi River.</i>																
St. Paul, Minn.	1,954	14	7.3	9-11	5.1	81	6.4	2.2	Florence, Ala.	220	16	16.2	28, 29	8.1	7.6	13.1
Reeds Landing, Minn.	1,881	12	5.2	6	3.8	81	4.6	1.4	Riverton, Ala.	190	25	24.8	29	3.9	10.5	20.9
La Crosse, Wis.	1,819	13	7.1	1	5.8	81	6.1	1.8	Johnsonville, Tenn.	94	24	23.7	31	5.1	20.21	11.4
Prairie du Chien, Wis.	1,759	18	9.4	1	5.4	23	6.7	4.0	<i>Cumberland River.</i>							
Dubuque, Iowa	1,689	15	10.0	1	5.8	81	7.0	4.4	Burnside, Ky.	434	50	26.0	23	3.0	18, 19	6.7
LeClaire, Iowa	1,609	10	6.6	1	8.7	26-28, 30, 31	4.8	2.9	Carthage, Tenn.	257	40	20.8	25	2.9	18	7.6
Davenport, Iowa	1,593	15	8.8	1	4.2	81	5.7	4.1	Nashville, Tenn.	175	40	23.4	26	4.7	18	11.2
Muscatine, Iowa	1,582	16	10.0	1	5.5	81	7.2	4.5	Clarksville, Tenn.	128	42	23.8	1	6.7	18	13.9
Galland, Iowa	1,473	8	4.8	1, 2	2.5	29-31	3.5	2.3	<i>Arkansas River.</i>							
Keokuk, Iowa	1,463	15	8.6	1	4.1	29-31	6.0	4.5	Wichita, Kans.	726	10	2.5	1	1.7	29-31	2.0
Hannibal, Mo.	1,403	13	9.8	1	5.1	81	7.2	4.7	Webbers Falls, Ind. T.	418	23	9.6	21	2.8	31	4.5
Grafton, Ill.	1,306	23	12.5	1	7.0	81	9.6	5.5	Fort Smith, Ark.	351	22	12.5	21	4.2	15	6.6
St. Louis, Mo.	1,264	30	15.2	1	9.4	25	11.8	5.8	Dardanelle, Ark.	256	21	12.8	23	3.6	18	6.8
Chester, Ill.	1,189	30	13.0	1	7.5	26	9.7	5.5	Little Rock, Ark.	176	23	13.0	24	5.2	20	7.8
New Madrid, Mo.	1,003	31	24.2	2, 8	15.4	20, 21	23.1	18.8	<i>White River.</i>							
Memphis, Tenn.	813	23	22.1	6, 7	12.3	23	21.6	19.8	Newport, Ark.	150	26	12.1	1	2.5	31	5.3
Helena, Ark.	767	42	41.6	9	18.1	21, 25	30.5	23.5	<i>Yazoo River.</i>	80	25	16.6	1, 2	9.2	31	14.1
Arkansas City, Ark.	635	42	43.3	12, 18	23.0	30	35.6	20.3	<i>Red River.</i>							
Greenville, Miss.	595	35	87.4	13	18.0	30	30.4	19.4	Arthur City, Tex.	688	27	25.6	20	4.0	7	10.9
Vicksburg, Miss.	474	45	41.5	15, 16	21.9	81	36.1	19.6	Fulton, Ark.	565	28	27.7	25	5.2	9	13.6
New Orleans, La.	106	16	14.2	14	9.4	81	13	2.8	Shreveport, La.	449	29	15.5	81	4.5	20	9.8
<i>Missouri River.</i>									Alexandria, La.	139	33	13.7	1	4.8	23	8.7
Bismarck, N. Dak.	1,300	14	9.8	28	2.6	1-3	5.6	8.2	<i>Osage River.</i>							
Pierre, S. Dak.	1,114	14	9.2	28-30	2.6	1-6	5.2	8.6	Camden, Ark.	340	39	16.2	1	5.7	31	8.8
Sioux City, Iowa	784	19	11.5	81	6.0	3-4	8.0	5.5	Monroe, La.	100	40	24.6	7-9	12.3	31	20.0
Omaha, Nebr.	669	18	11.7	81	6.6	4	8.0	5.1	<i>Atchafalaya River.</i>							
Plattsmouth, Nebr.	641	18	7.3	81	8.4	4	4.6	8.9	Melville, La.	100	31	31.4	16-19	25.5	31	30.4
St. Joseph, Mo.	481	10	6.0	81	1.9	3-5	8.2	6.6	<i>Susquehanna River.</i>							
Kansas City, Mo.	388	21	14.8	81	8.2	5	9.6	6.6	Wilkesbarre, Pa.	178	14	14.1	81	3.4	10, 11	5.1
Boonville, Mo.	190	20	9.3	28, 31	7.3	8	8.8	2.0	Harrisburg, Pa.	70	17	13.9	81	3.4	11	5.7
Hermann, Mo.	103	24	8.0	25, 28	6.1	23	6.9	1.9	<i>W. Br. of Susquehanna.</i>							
<i>Ohio River.</i>									Williamsport, Pa.	35	20	14.0	80	2.8	23	4.9
Bagnell, Mo.	70	28	3.2	1	1.4	81	2.2	1.8	Juniata River.							
<i>Des Moines River.</i>									Huntingdon, Pa.	80	24	7.7	30	3.8	6-22	4.5
Des Moines, Iowa	165	19	5.4	1	4.0	18-31	4.5	1.4	<i>Potowmack River.</i>							
<i>Illinois River.</i>									Harpers Ferry, W. Va.	170	16	13.0	23, 24	2.0	20, 21	5.7
Peoria, Ill.	135	14	10.9	1	6.9	81	8.6	4.0	<i>James River.</i>							
Beardstown, Ill.	70	13	5.3	1	1.9	81	3.5	3.4	Lynchburg, Va.	257	18	13.8	23	- 1.4	8, 9, 17-19	3.8
<i>Youngstown River.</i>									Richmond, Va.	110	13	19.2	24	6, 7	2.4	20.2
Confluence, Pa.	59	10	8.1	27	1.2	5-8	2.9	6.9	<i>Roanoke River.</i>							
West Newton, Pa.	15	23	11.0	27	1.8	7	3.5	9.7	Weldon, N. C.	90	40	45.7	25	8.9	18, 19	16.5
<i>Allegheny River.</i>									<i>Cape Fear River.</i>							
Warren, Pa.	177	14	6.0	30	1.0	19-26	2.8	5.0	Fayetteville, N. C.	100	38	58.5	24	8.9	15.2	54.6
Oil City, Pa.	123	13	7.2	30	1.5	20-22	2.8	5.7	<i>Edisto River.</i>							
Parker, Pa.	73	20	8.7	29, 30	1.7	21, 22, 26	3.4	7.0	Edisto, S. C.	75	6	6.5	27	3.3	17-21	4.6
<i>Monongahela River.</i>									Cheraw, S. C.	145	27	33.5	23	2.9	16, 17	11.6
Weston, W. Va.	161	18	6.8	27	-0.1	7-9	0.8	6.9	Kingtree, S. C.	60	12	11.8	30, 31	2.6	19	9.2
Fairmont, W. Va.	119	25	12.0	28	1.2	7, 8, 21	3.2	10.8	<i>Lynch Creek.</i>							
Greensboro, Pa.	61	18	15.8	28	7.6	8	9.6	8.2	Effingham, S. C.	35	13	15.8	28	3.3	20	12.5
Lock No. 4, Pa.	40	28	21.3	28	7.1	8	10.5	14.2	<i>Santee River.</i>							
<i>Gonemahock River.</i>									St. Stephens, S. C.	50	12	16.0	31	5.2	20	8.4
Johnstown, Pa.	64	7	8.0	27	1.8	16-18	3.0	6.2	<i>Congaree River.</i>							
<i>Red Bank Creek.</i>									Columbia, S. C.	37	15	22.2	24	0.8	10, 11, 15,	4.0
Brookville, Pa.	35	8	2.2	29	-0.2	20-25	0.4	2.4	Wateree River.							
<i>Beaver River.</i>									Camden, S. C.	45	24	32.5	24	6.4	19	14.1
Ellwood Junction, Pa.	10	14	4.8	13	3.1	6, 7	3.7	1.7	<i>Waccamaw River.</i>							
<i>Great Kanawha River.</i>									Conway, S. C.	40	7	5.1	2-4, 24, 25	2.8	16	8.9
Charleston, W. Va.	61	30	38.5	23	5.2	7, 8	10.7	33.3	<i>Savannah River.</i>							
<i>Little Kanawha River.</i>									Calhoun Falls, S. C.	347	.....	10.2	23	3.0	18	4.1
Glenville, W. Va.	100	20	12.3	27	0.5	8, 9	2.5	11.8	Augusta, Ga.	268	32	27.7	23	8.2	17, 18	11.8
<i>New River.</i>									<i>Broad River.</i>							
Hinton, W. Va.	95	14	15.6	23	2.7	7, 18	4.9	12.9	Carlton, Ga.	80	.....	7.9	23	2.5	5	3.4
<i>Cheat River.</i>									<i>Flint River.</i>							
Rowlesburg, W. Va.	36	14	7.2	13	8.0	6-9, 19-22	4.2	4.2	Albany, Ga.	80	20	8.6	31	1.8	16	8.8
<i>Ohio River.</i>									<i>Chatahoochee River.</i>							
Pittsburg, Pa.	966	22	17.3	29	3.2	22	6.8	14.1	Westpoint, Ga.	239	20	17.2	23	3.7	14	5.7
Davis Island Dam, Pa.	960	25	16.6	29	5.4	21, 22	8.2	11.2	<i>Ocmulgee River.</i>							
Wheeling, W. Va.	875	36	25.0	30	6.7	21, 22	10.7	18.3	Macon, Ga.	125	20	18.9	23	3.0	19	4.7
Parkersburg, W. Va.	785	36	25.0	31	7.4	21	11.4	17.6	<i>Oconee River.</i>							
Point Pleasant, W. Va.	703	39	31.5	30	8.0	21	16.8	35.5	Dublin, Ga.	60	20	8.1	25	1.7	19	3.5
Huntington, W. Va.	680	50	38.6	31	12.1	21	21.0	36.5	Rome, Ga.	225	30	26.4	23	2.5	18, 19	6.8
Catlettsburg, Ky.	651	50	39.7	31	11.8	21	21.8	29.9	Gadsden, Ala.	144	18	19.0	26	2.6	1-19	6.7
Portsmouth, Ohio	613	50	42.5	1	18.1	21	22.8	29.4	Montgomery, Ala.	265	35	20.0	27	4.6	19, 20	9.4
Cincinnati, Ohio	499	50	51.2	1	16.0	21	25.5	35.2	Selma, Ala.	213	35	23.0	28	3.0	19, 20	9.7
Madison, Ind.	418	46	45.7	1	14.5	11, 12, 23	22.4	31.2	<i>Tombigbee River.</i>							
Louisville, Ky.	367	28	30.4	1	7.8	21, 22	11.2	22.6	Columbus, Miss.	303	38	6.7	23	- 1.2	11, 13	1.8
Evansville, Ind.	184	35	41.8	1	11.3	14	21.6	30.5	Demopolis, Ala.	155	35	20.0	1	4.8	12, 13	7.9
Paducah, Ky.	47	40	39.4	1	10.8	18	21.9	38.6	Montgomery, Ala.	265	35	20.0	27	4.6	19, 20	9.4
Cairo, Ill.	1,073	45	43.2	2	18.8	19, 20	23.1	24.9	Seim, Ala.	213	35	23.0				

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